

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099330.D
 Acq On : 11 Oct 2017 6:38
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 07:32:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	88061	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	320112	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	121101	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	210597	20.00	ng	0.00
75) Chrysene-d12	14.03	240	183037	20.00	ng	0.00
86) Perylene-d12	15.50	264	129435	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	465906	84.22	ng	0.00
7) Phenol-d6	6.50	99	537914	78.83	ng	0.00
23) Nitrobenzene-d5	7.43	82	419682	84.08	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	84366	85.14	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	727266	100.26	ng	0.00
78) Terphenyl-d14	12.97	244	684256	85.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	110269	41.73	ng	91
3) Pyridine	3.40	79	230656	32.27	ng	94
4) n-Nitrosodimethylamine	3.35	42	105029	34.65	ng	# 73
6) Aniline	6.53	93	291526	31.65	ng	96
8) 2-Chlorophenol	6.65	128	251058	40.08	ng	95
9) Benzaldehyde	6.42	77	157284	39.73	ng	92
10) Phenol	6.51	94	310066	40.63	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	235783	39.74	ng	96
12) 1,3-Dichlorobenzene	6.80	146	280183	42.71	ng	97
13) 1,4-Dichlorobenzene	6.89	146	284497	42.62	ng	96
14) 1,2-Dichlorobenzene	7.04	146	259172	42.02	ng	97
15) Benzyl Alcohol	7.01	79	176299	35.22	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	319222	34.53	ng	96
17) 2-Methylphenol	7.12	107	193415	37.73	ng	96
18) Hexachloroethane	7.37	117	67431	28.10	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	149521	34.32	ng	94
20) 3+4-Methylphenols	7.27	107	233248	35.97	ng	# 63
22) Acetophenone	7.27	105	325165	41.93	ng	# 97
24) Nitrobenzene	7.45	77	231064	40.81	ng	95
25) Isophorone	7.69	82	397435	38.51	ng	97
26) 2-Nitrophenol	7.76	139	57018	20.94	ng	90
27) 2,4-Dimethylphenol	7.80	122	198978	38.70	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	268605	41.76	ng	99
29) 2,4-Dichlorophenol	8.01	162	171351	38.81	ng	94
30) 1,2,4-Trichlorobenzene	8.09	180	195409	44.25	ng	98
31) Naphthalene	8.17	128	631239	41.99	ng	99
32) Benzoic acid	7.89	122	40293	9.54	ng	97
33) 4-Chloroaniline	8.22	127	216483	34.48	ng	# 95
34) Hexachlorobutadiene	8.28	225	100538	44.20	ng	98
35) Caprolactam	8.59	113	46670	32.95	ng	# 84
36) 4-Chloro-3-methylphenol	8.70	107	169589	34.17	ng	94
37) 2-Methylnaphthalene	8.86	142	386939	39.59	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	174595	48.34	ng	98
42) 2,4,6-Trichlorophenol	9.14	196	108242	42.31	ng	97

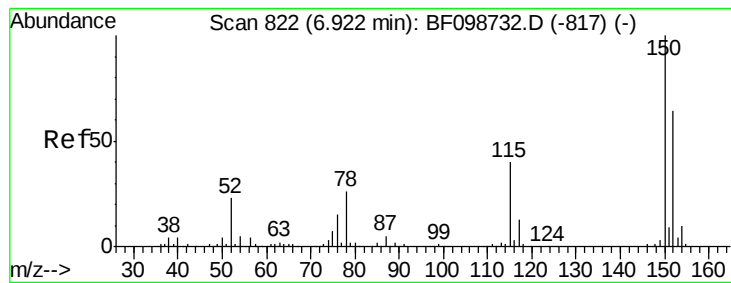
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099330.D
 Acq On : 11 Oct 2017 6:38
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.18	196	108549	42.50	nq	96
45) 1,1'-Biphenyl	9.32	154	485096	46.61	nq	99
46) 2-Chloronaphthalene	9.35	162	352409	45.10	nq	97
47) 2-Nitroaniline	9.45	65	96088	40.16	nq	98
48) Acenaphthylene	9.76	152	508406	42.50	nq	100
49) Dimethylphthalate	9.62	163	415196	45.43	nq	99
50) 2,6-Dinitrotoluene	9.69	165	64647	32.49	nq	87
51) Acenaphthene	9.94	154	300080	39.60	nq	99
52) 3-Nitroaniline	9.86	138	104421	45.01	nq	94
53) 2,4-Dinitrophenol	9.98	184	235	6.04	nq	# 58
54) Dibenzofuran	10.11	168	427967	42.42	nq	98
55) 4-Nitrophenol	10.02	139	41085	20.94	nq	86
56) 2,4-Dinitrotoluene	10.09	165	70874	27.44	nq	# 88
57) Fluorene	10.45	166	344302	42.46	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	68986	39.10	nq	96
59) Diethylphthalate	10.32	149	372443	41.70	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	157105	43.13	nq	97
61) 4-Nitroaniline	10.47	138	108852	48.63	nq	83
62) Azobenzene	10.60	77	294033	35.81	nq	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	2611	2.04	nq	92
65) n-Nitrosodiphenylamine	10.56	169	302211	41.42	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	86671	42.04	nq	97
67) Hexachlorobenzene	11.00	284	92980	42.23	nq	99
68) Atrazine	11.08	200	68796	31.34	nq	99
69) Pentachlorophenol	11.20	266	40307	29.42	nq	99
70) Phenanthrene	11.42	178	484440	42.97	nq	99
71) Anthracene	11.47	178	497063	43.10	nq	99
72) Carbazole	11.62	167	487049	43.12	nq	100
73) Di-n-butylphthalate	11.94	149	555352	40.85	nq	99
74) Fluoranthene	12.60	202	536833	47.03	nq	99
76) Benzidine	12.73	184	133155	19.67	nq	98
77) Pyrene	12.83	202	562773	40.32	nq	99
79) Butylbenzylphthalate	13.44	149	270440	41.23	nq	95
80) Benzo(a)anthracene	14.02	228	459353	41.45	nq	100
81) 3,3'-Dichlorobenzidine	13.98	252	168905	41.57	nq	99
82) Chrysene	14.06	228	447806	42.44	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	377604	41.81	nq	# 98
84) Di-n-octyl phthalate	14.61	149	649170	44.64	nq	96
85) Indeno(1,2,3-cd)pyrene	17.00	276	301722	35.75	nq	97
87) Benzo(b)fluoranthene	15.07	252	345921	43.47	nq	98
88) Benzo(k)fluoranthene	15.10	252	362255	46.09	nq	100
89) Benzo(a)pyrene	15.44	252	310529	42.51	nq	97
90) Dibenzo(a,h)anthracene	17.01	278	251431	43.01	nq	97
91) Benzo(g,h,i)perylene	17.45	276	245361	42.46	nq	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

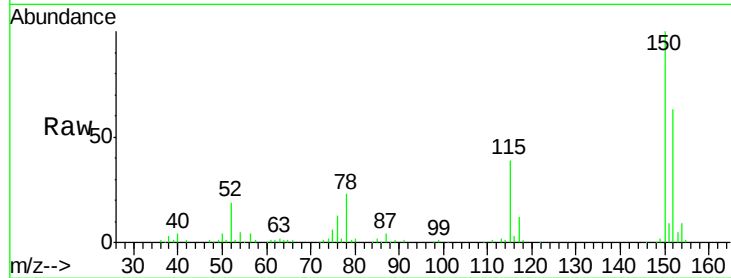


#1

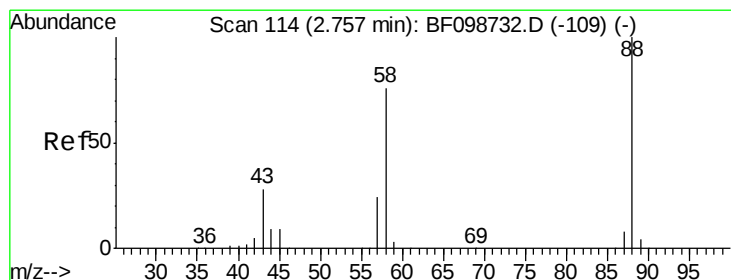
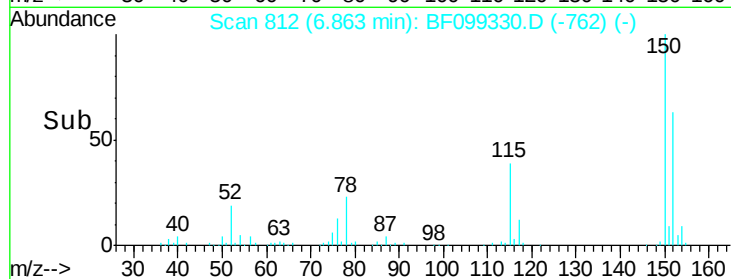
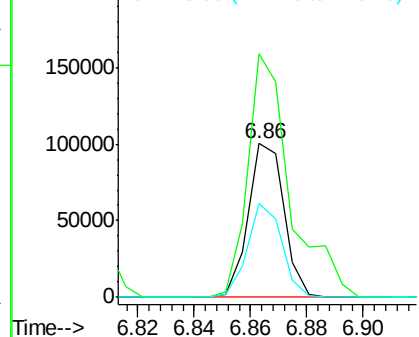
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88061
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 61.3 50.1 75.1



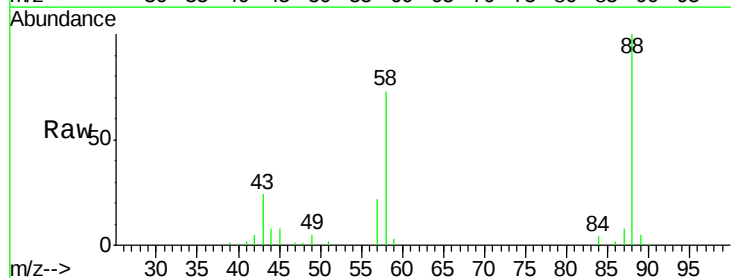
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



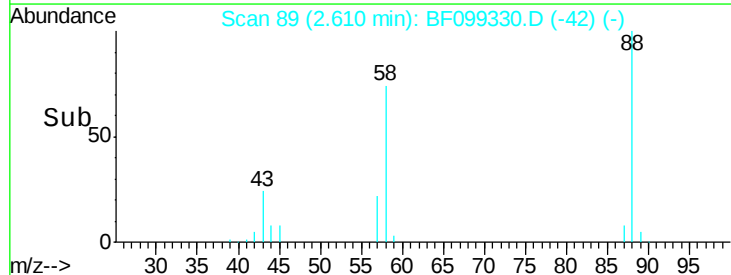
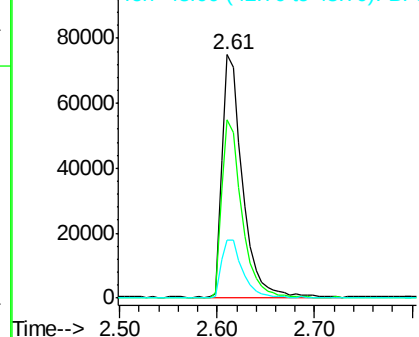
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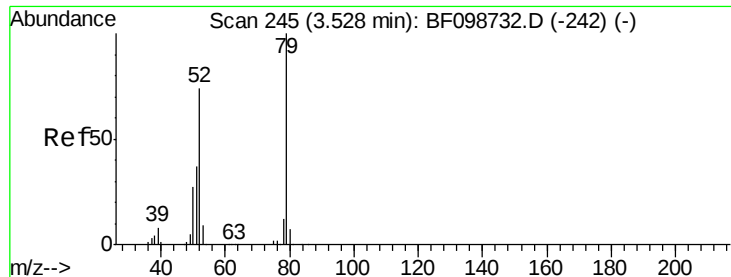
1,4-Dioxane
Concen: 41.73 ng
RT: 2.61 min Scan# 89
Delta R.T. -0.02 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion: 88 Resp: 110269
Ion Ratio Lower Upper
88 100
58 71.3 62.6 93.8
43 24.9 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

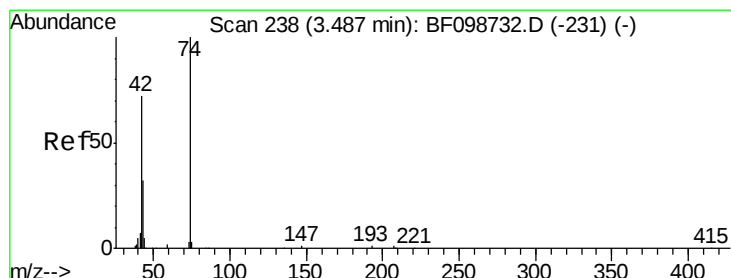
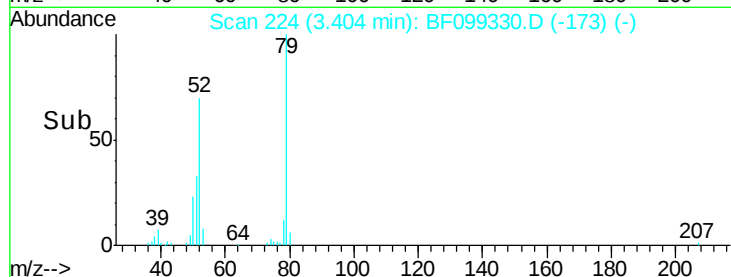
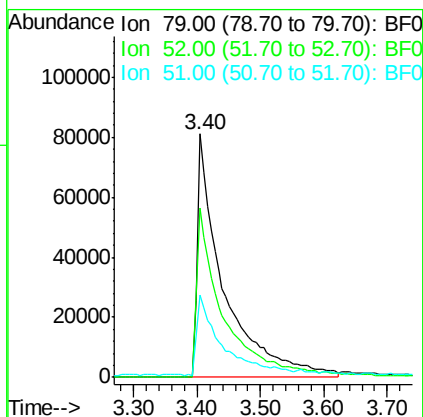
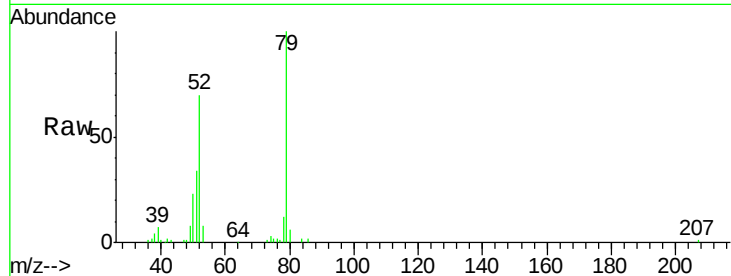




#3
 Pvridine
 Concen: 32.27 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

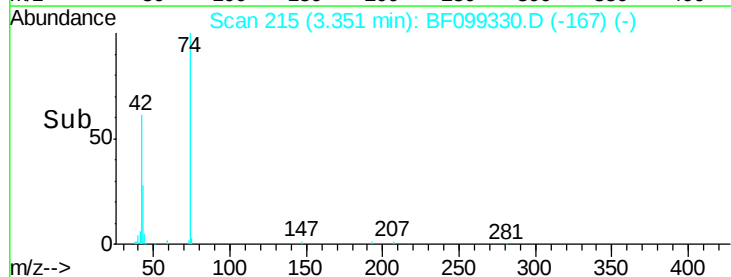
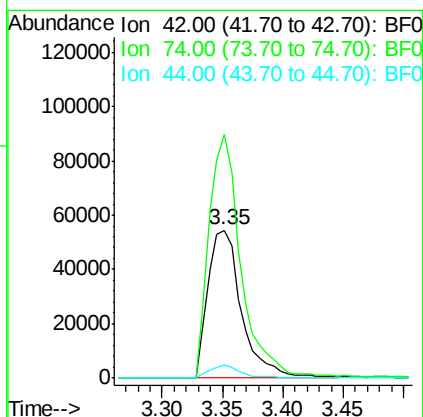
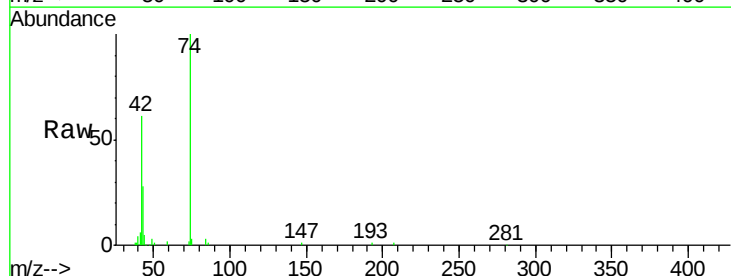
Instrument :
 BNA_F
 ClientSampled :

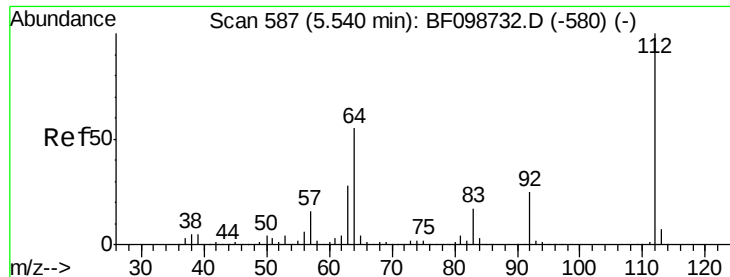
Tot Ion: 79 Resp: 230656
 Ion Ratio Lower Upper
 79 100
 52 69.7 59.8 89.6
 51 33.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 34.65 ng
 RT: 3.35 min Scan# 215
 Delta R.T. -0.02 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Tgt Ion: 42 Resp: 105029
 Ion Ratio Lower Upper
 42 100
 74 164.9 104.9 157.3#
 44 8.5 6.9 10.3





#5

2-Fluorophenol

Concen: 84.22 ng

RT: 5.48 min Scan# 577

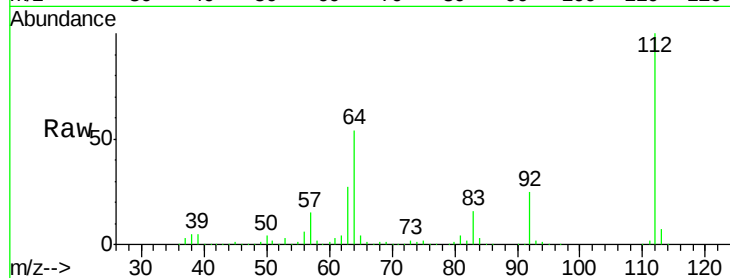
Delta R.T. 0.00 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:112	Resp:	465906
Ion Ratio	Lower	Upper
112 100		
64 54.3	47.9	71.9
63 27.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

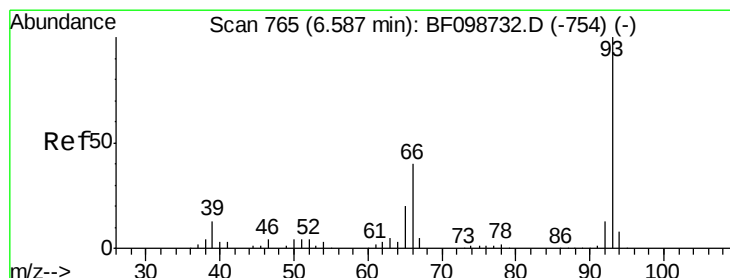
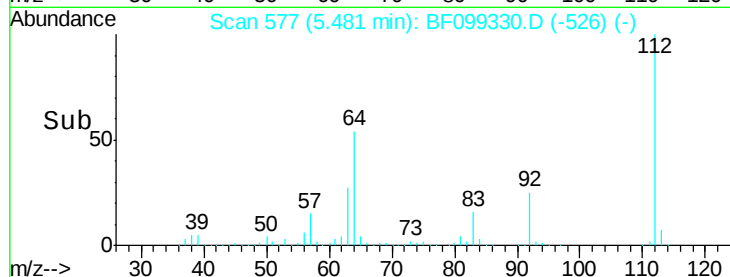
5.48

400000

200000

0

Time-->



#6

Aniline

Concen: 31.65 ng

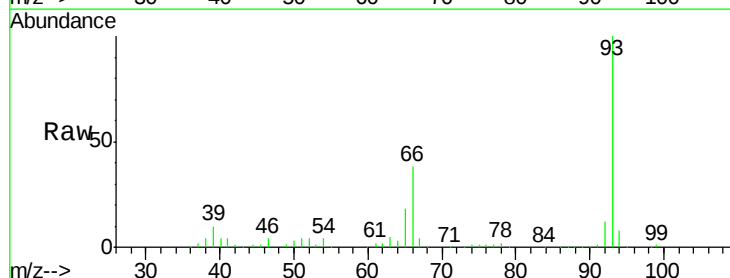
RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

Tgt Ion: 93	Resp:	291526
Ion Ratio	Lower	Upper
93 100		
66 38.5	32.2	48.2
65 18.1	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

6.53

400000

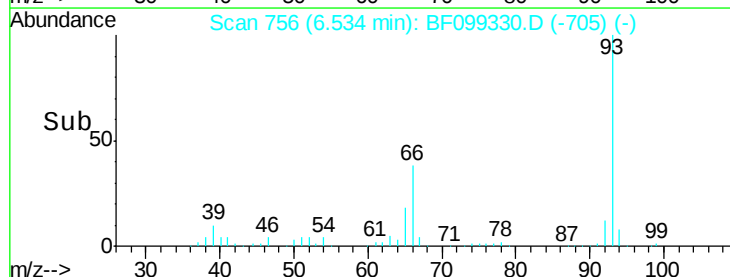
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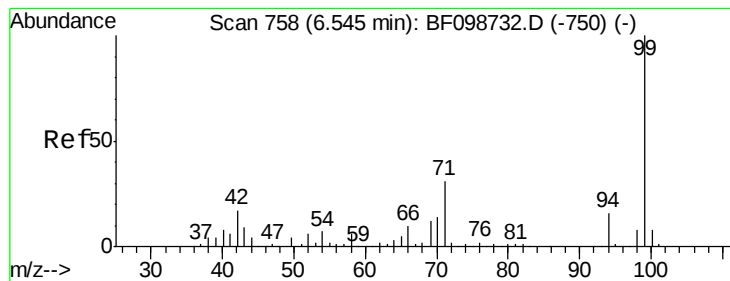
200000

100000

0

Time-->





#7

Phenol-d6

Concen: 78.83 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

Instrument :

BNA_F

ClientSampleId :

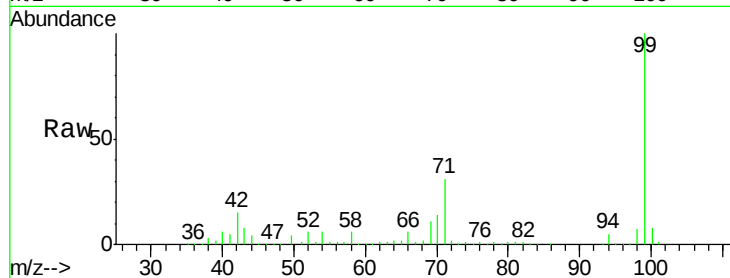
Tot Ion: 99 Resp: 537914

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

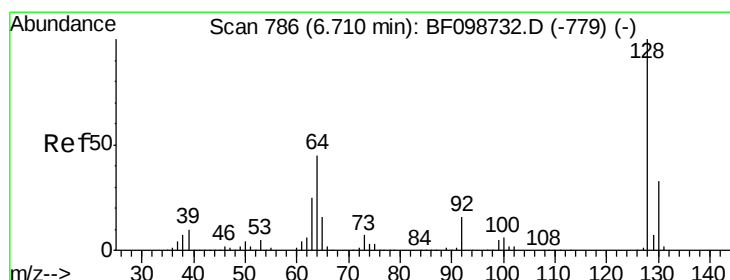
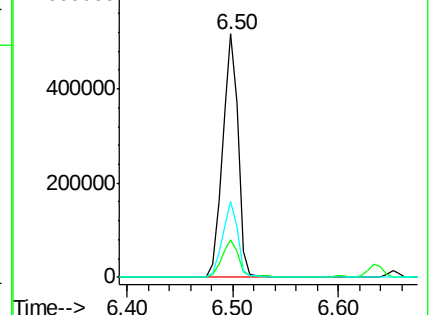
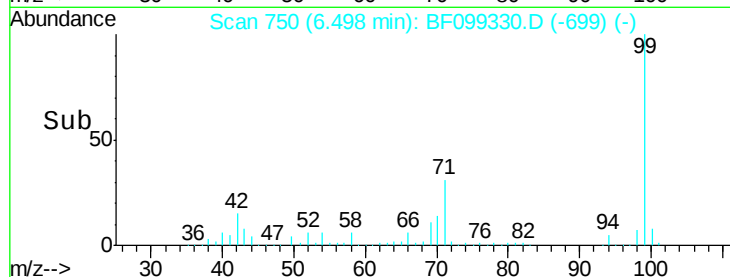
71 31.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.08 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

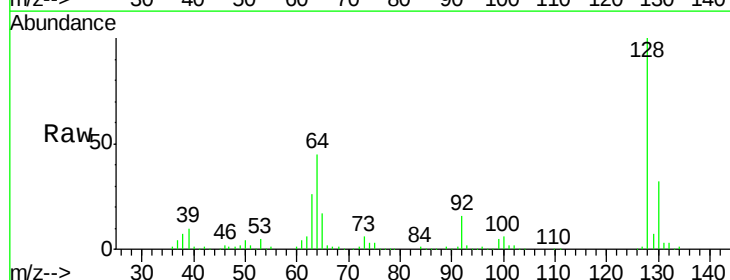
Tgt Ion: 128 Resp: 251058

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

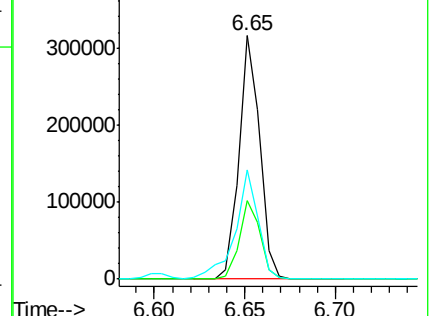
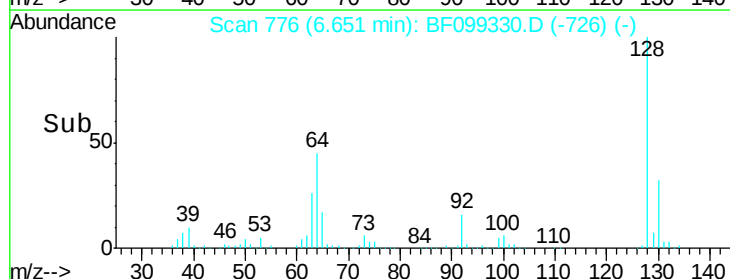
64 44.7 29.4 69.4

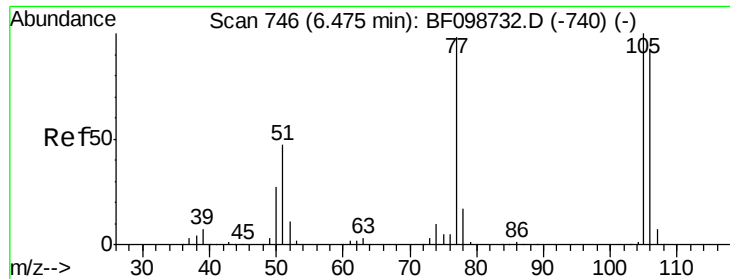


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

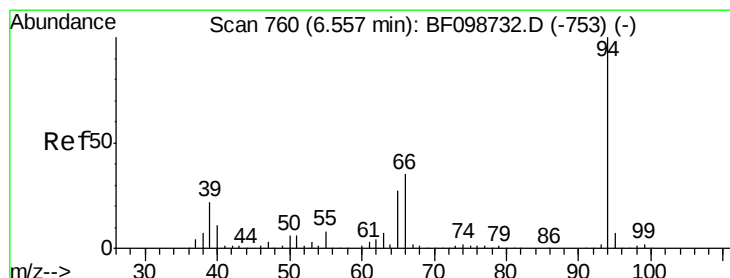
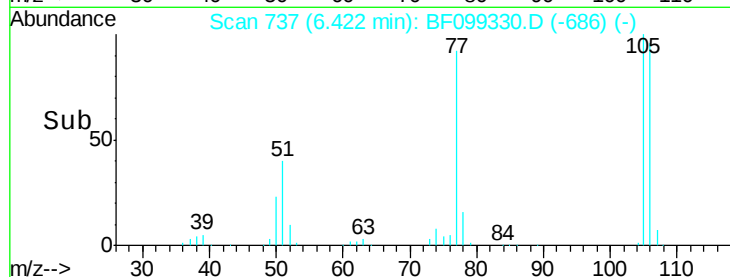
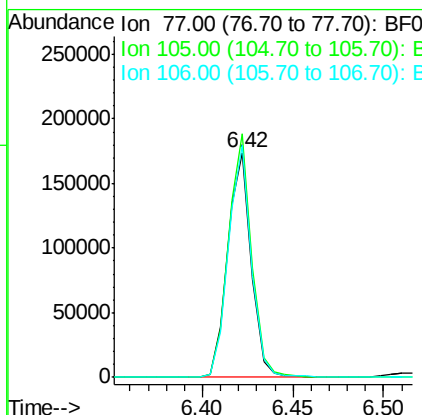
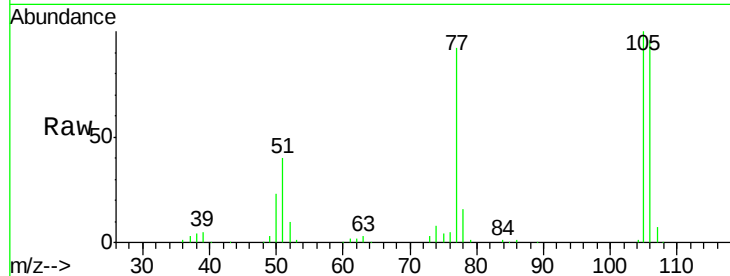




#9
Benzaldehyde
Concen: 39.73 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

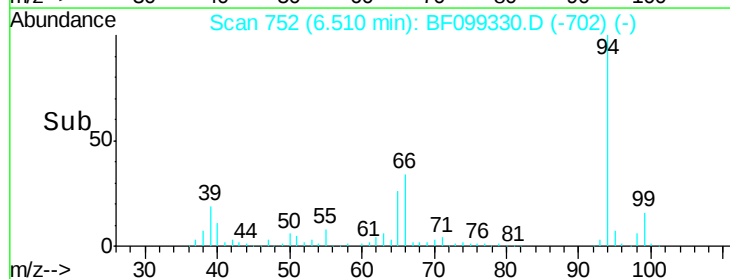
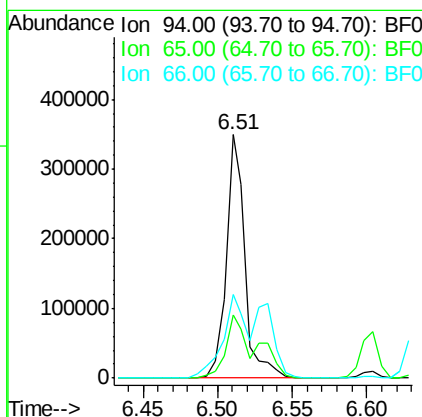
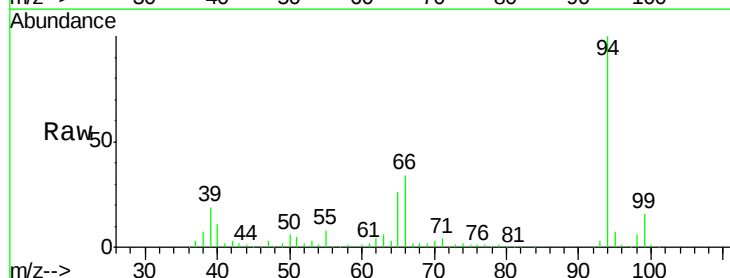
Instrument :
BNA_F
ClientSampled :

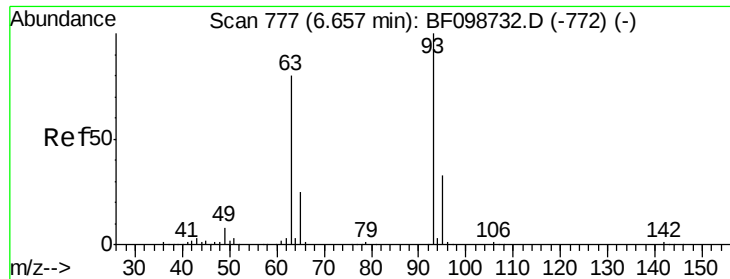
Tot Ion: 77 Resp: 157284
Ion Ratio Lower Upper
77 100
105 108.3 81.1 121.1
106 103.5 74.5 114.5



#10
Phenol
Concen: 40.63 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion: 94 Resp: 310066
Ion Ratio Lower Upper
94 100
65 25.7 7.9 47.9
66 34.3 16.2 56.2

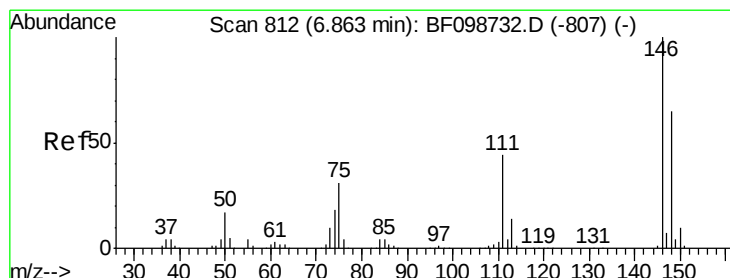
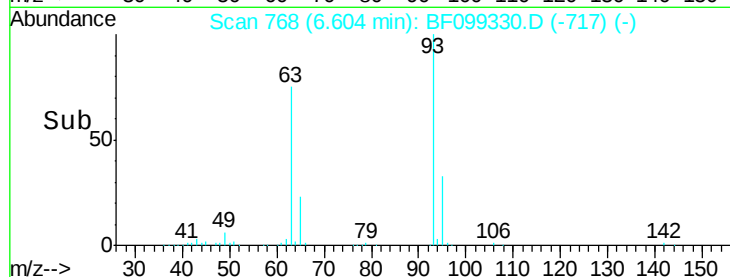
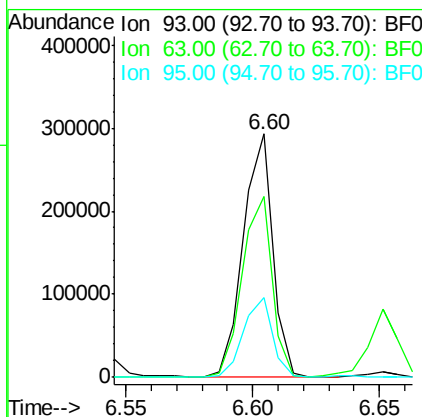
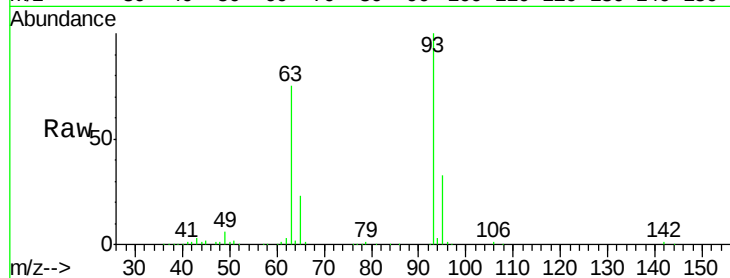




#11
bis(2-Chloroethyl)ether
Concen: 39.74 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

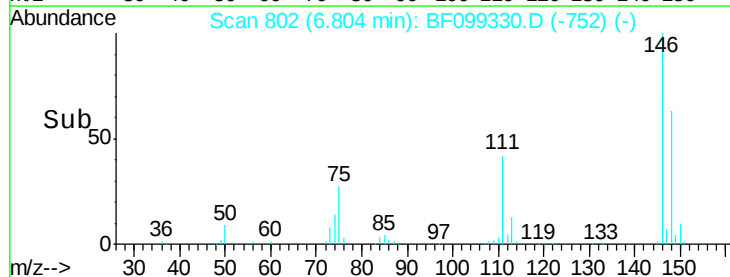
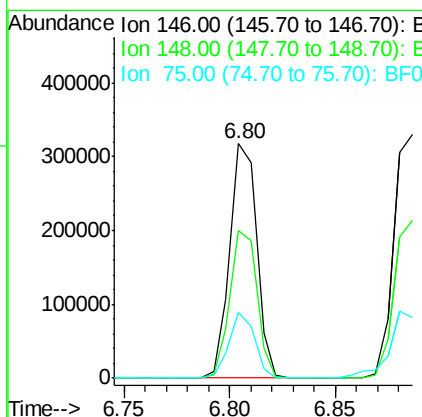
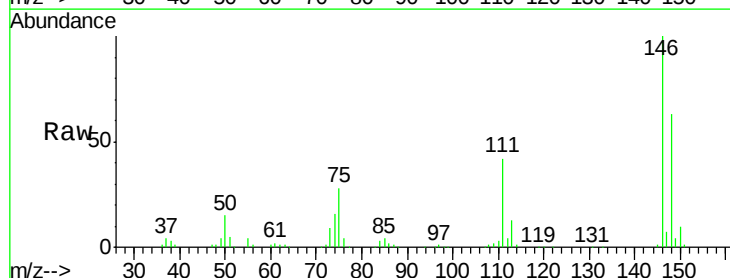
Instrument :
BNA_F
ClientSampleId :

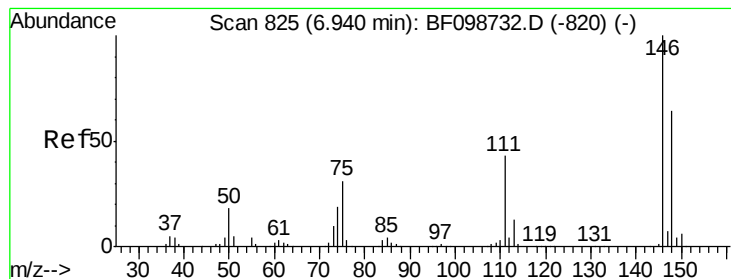
Tot Ion: 93 Resp: 235783
Ion Ratio Lower Upper
93 100
63 74.5 58.6 98.6
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.71 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion: 146 Resp: 280183
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
75 28.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 42.62 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

Instrument :

BNA_F

ClientSampleId :

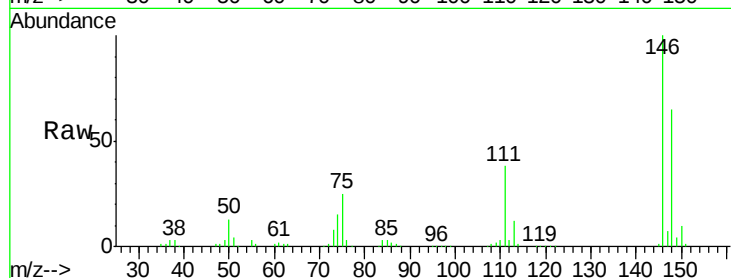
Tot Ion:146 Resp: 284497

Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

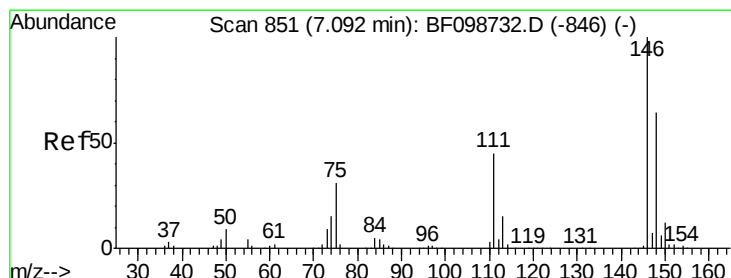
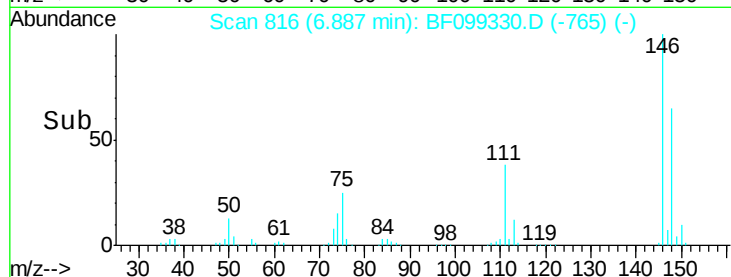
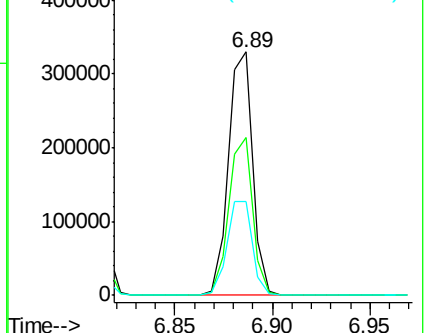
111 38.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.02 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

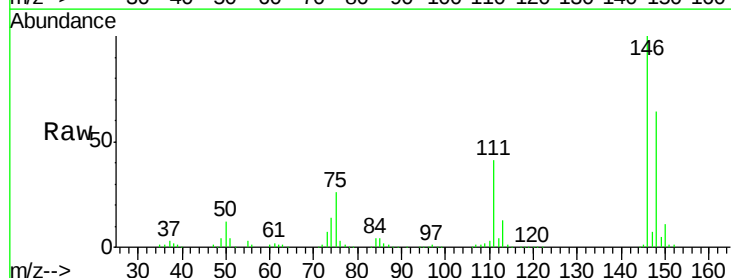
Tgt Ion:146 Resp: 259172

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

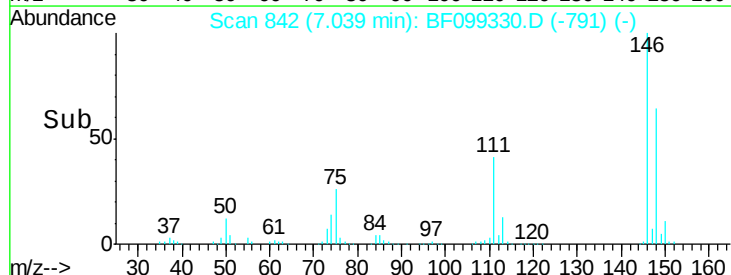
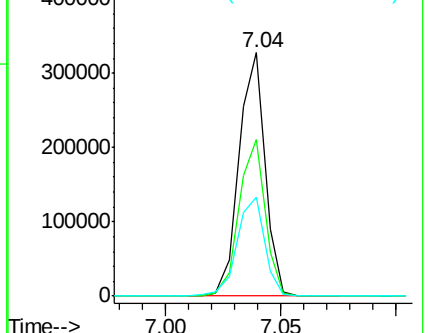
111 40.8 36.0 54.0

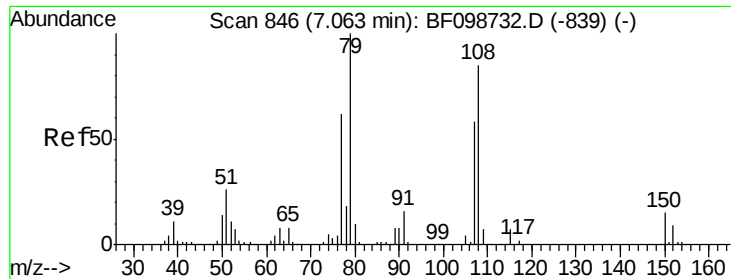


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.22 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

Instrument :

BNA_F

ClientSampled :

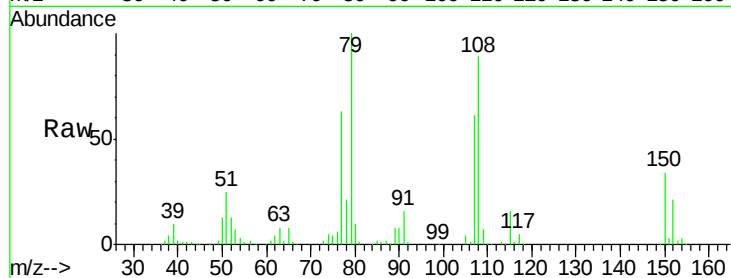
Tot Ion: 79 Resp: 176299

Ion Ratio Lower Upper

79 100

108 89.0 65.1 97.7

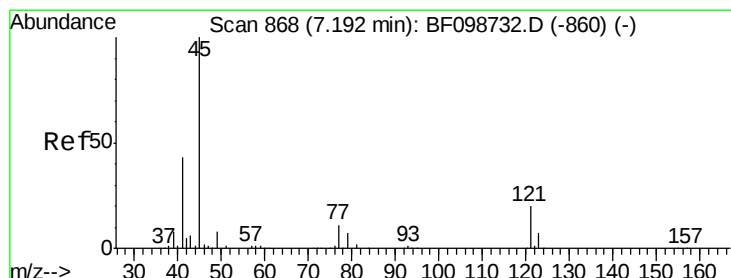
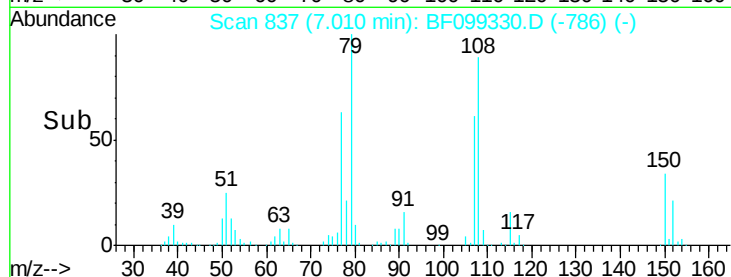
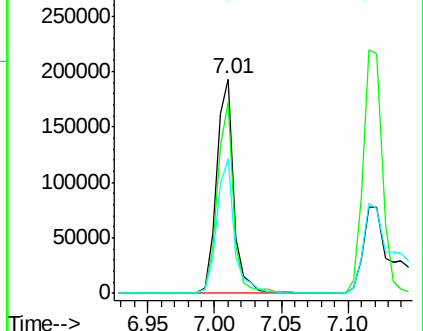
77 62.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.53 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

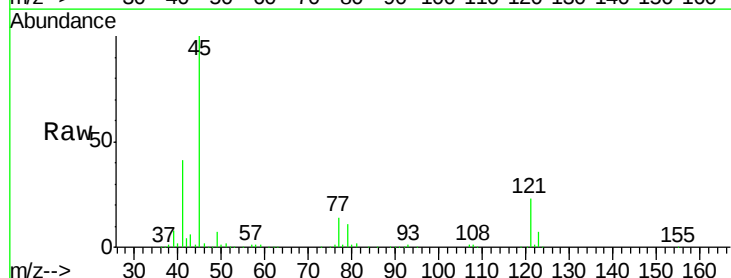
Tgt Ion: 45 Resp: 319222

Ion Ratio Lower Upper

45 100

77 14.3 0.0 32.9

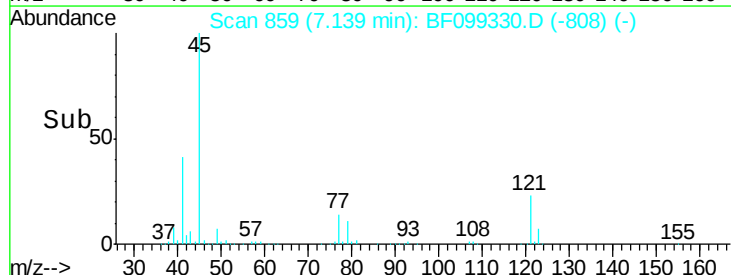
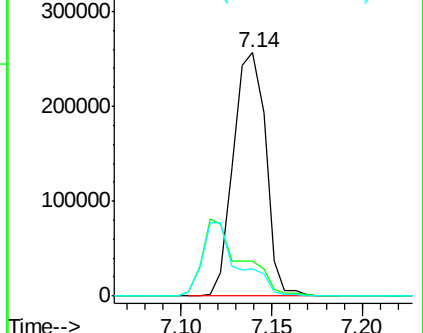
79 11.3 0.0 29.6

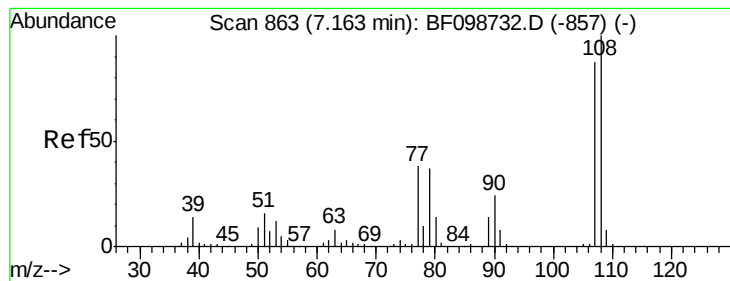


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

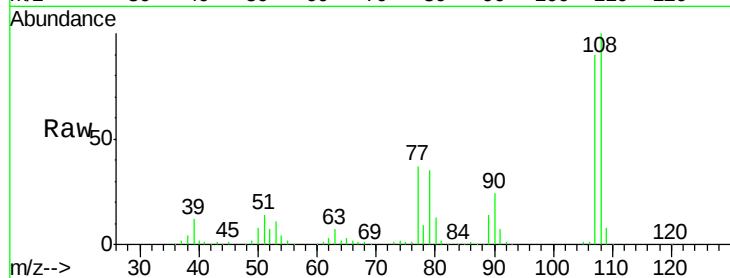




#17
2-Methylphenol
Concen: 37.73 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	91.7	137.5
77	40.7	33.8	50.8
79	39.1	33.8	50.8



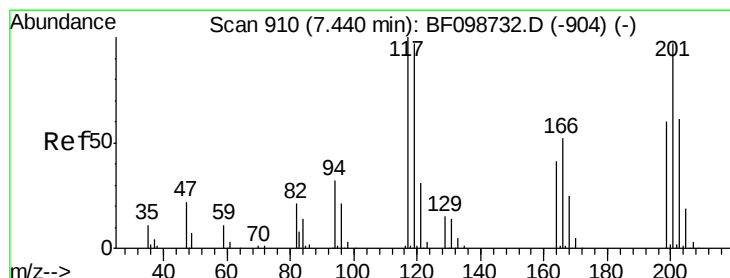
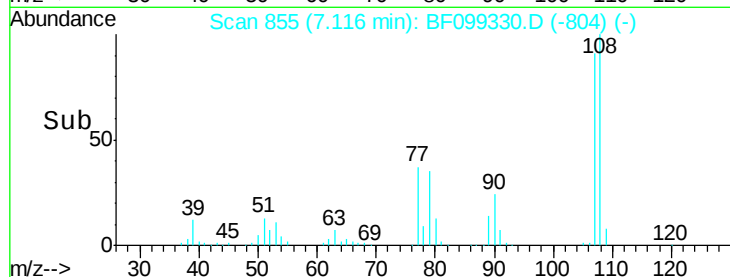
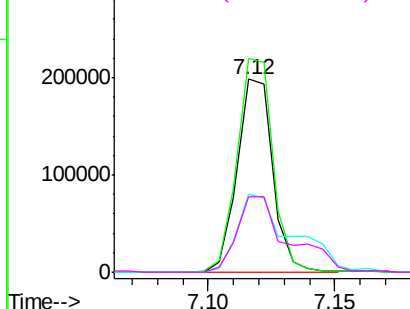
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

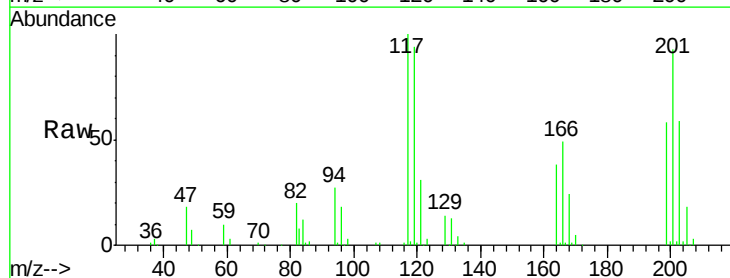
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 28.10 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.8	113.8
201	92.5	75.7	113.5

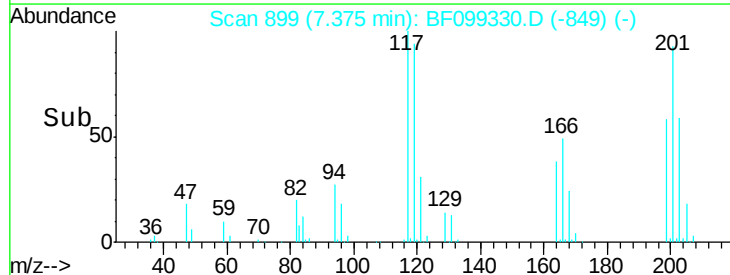
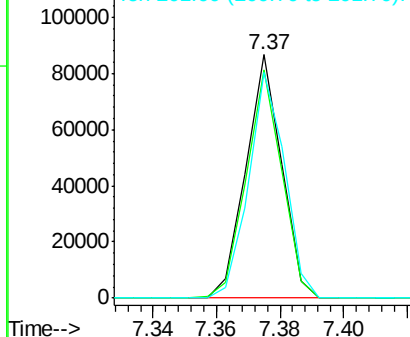


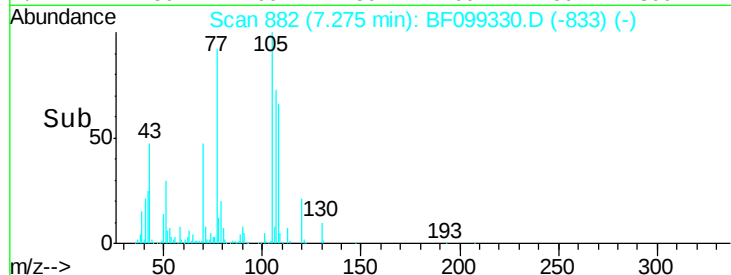
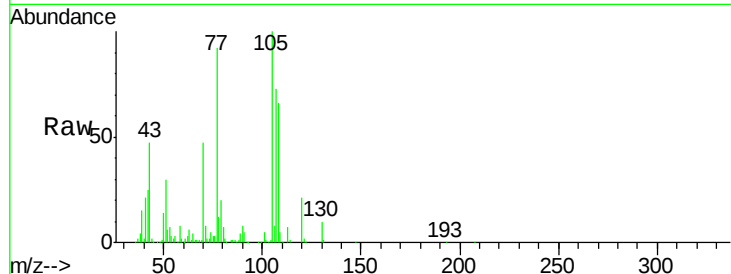
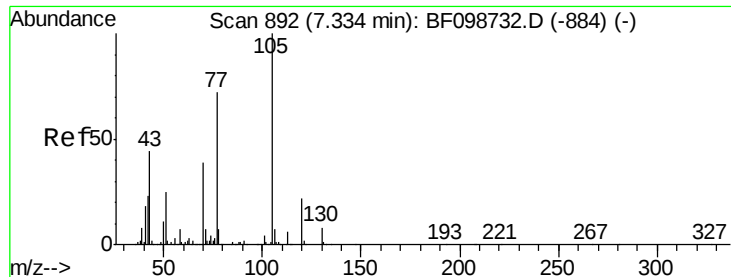
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

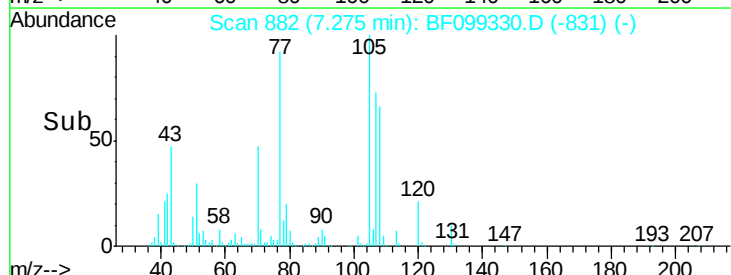
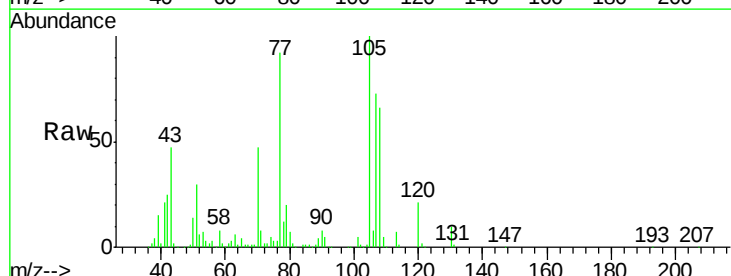
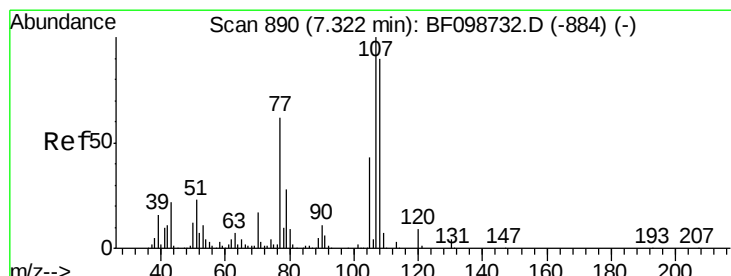
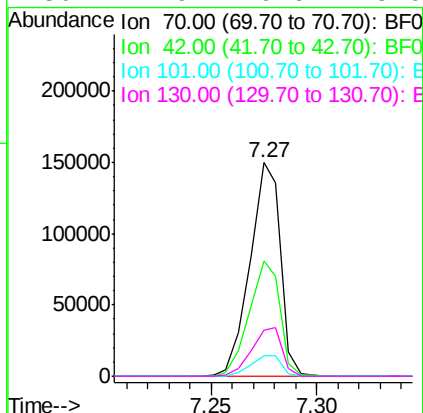




#19
n-Nitroso-di-n-propylamine
Concen: 34.32 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

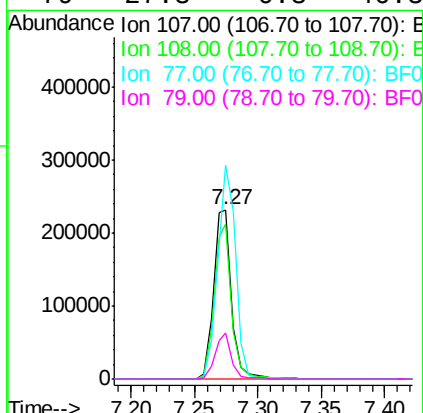
Instrument :
BNA_F
ClientSampleId :

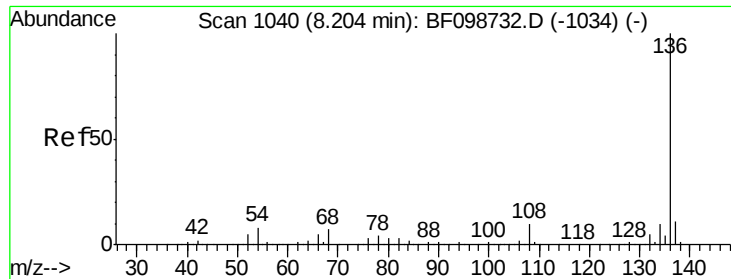
Tot Ion	70	Resp	149521
Ion	Ratio	Lower	Upper
70	100		
42	53.8	47.5	71.3
101	9.8	7.4	11.2
130	21.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.97 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion	107	Resp	233248
Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.2	108.2
77	126.4	26.7	66.7#
79	27.3	6.3	46.3

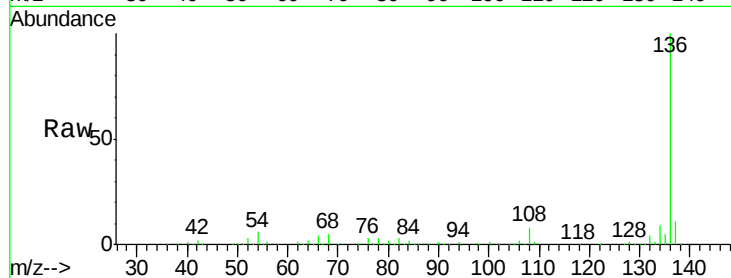




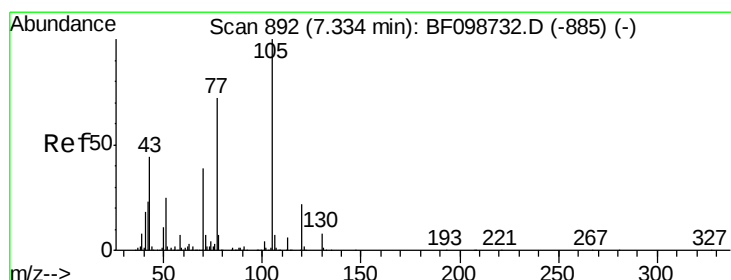
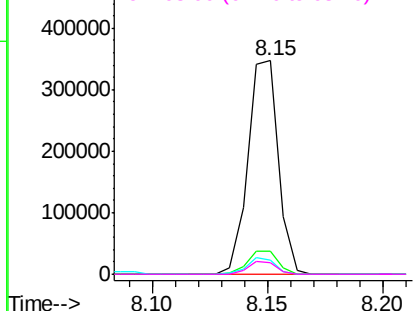
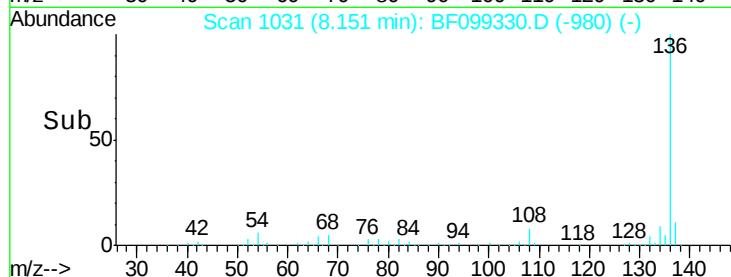
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	320112
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.5	6.6 9.8#
68	5.3	5.0 7.4

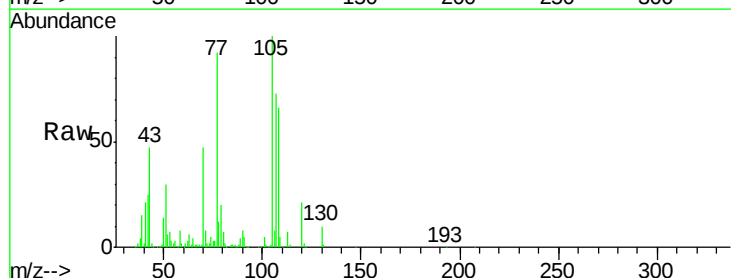


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

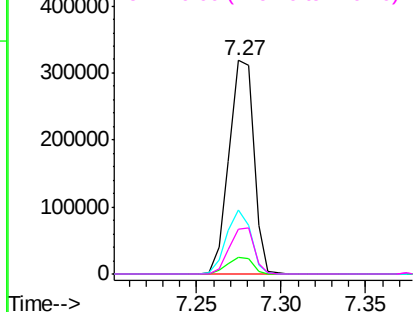
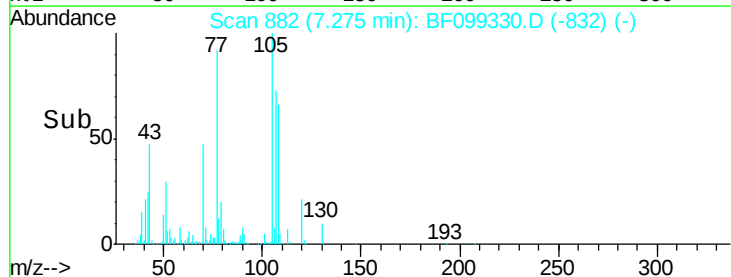


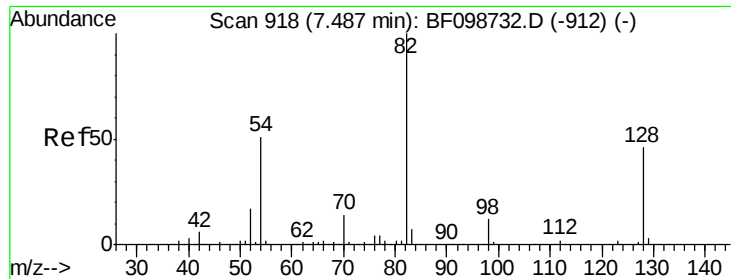
#22
Acetophenone
Concen: 41.93 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion:105	Resp:	325165
Ion Ratio	Lower	Upper
105	100	
71	7.5	4.4 6.6#
51	30.2	22.3 33.5
120	21.2	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

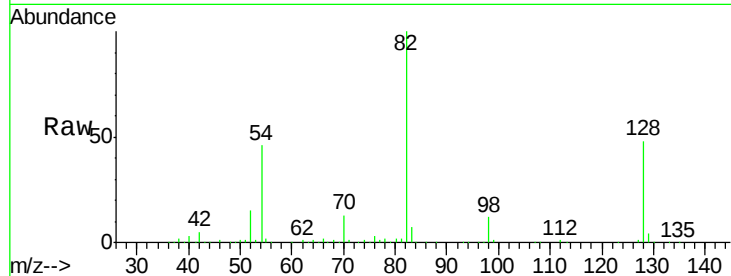




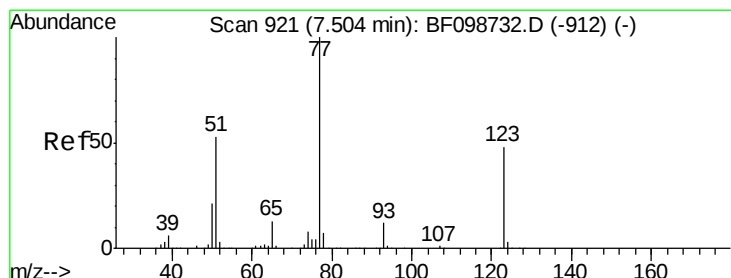
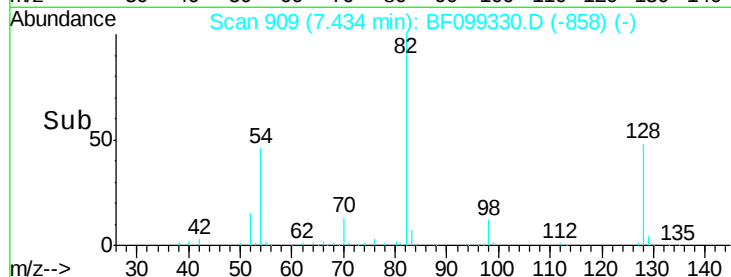
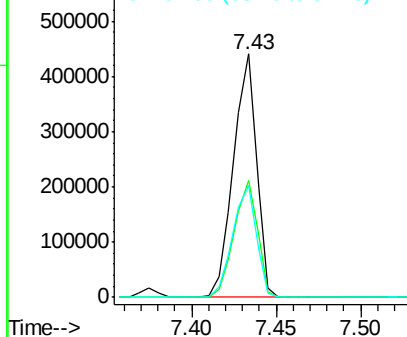
#23
 Nitrobenzene-d5
 Concen: 84.08 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	419682
Ion Ratio	100	Lower	Upper
128	47.9	36.1	54.1
54	46.1	41.4	62.2

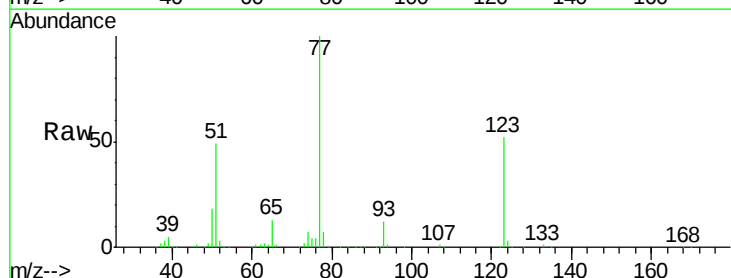


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

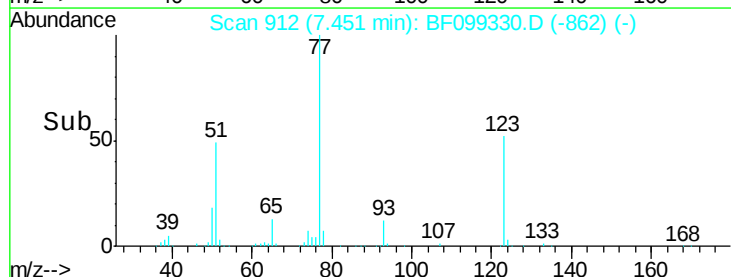
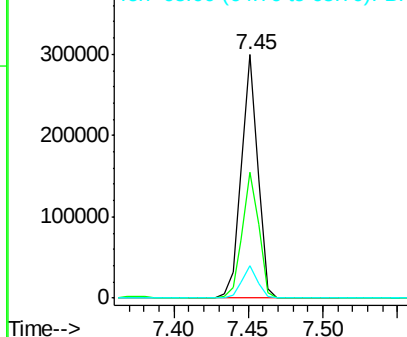


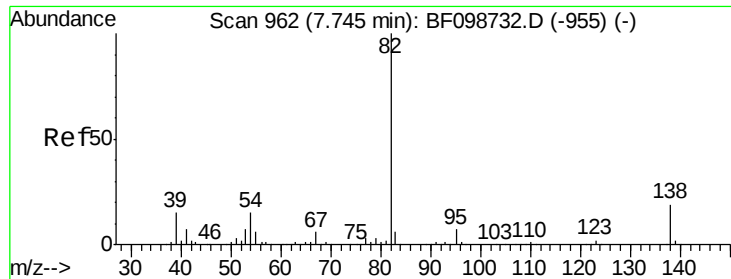
#24
 Nitrobenzene
 Concen: 40.81 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Tgt Ion	77	Resp	231064
Ion Ratio	100	Lower	Upper
123	51.6	37.9	56.9
65	13.4	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0

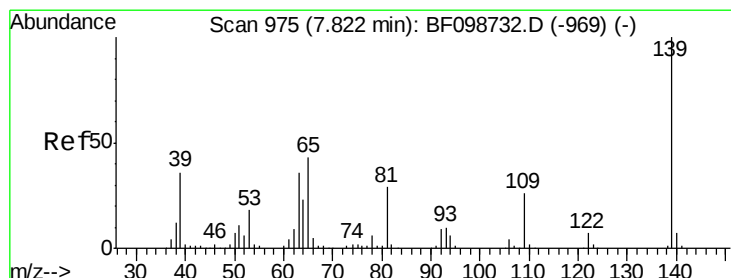
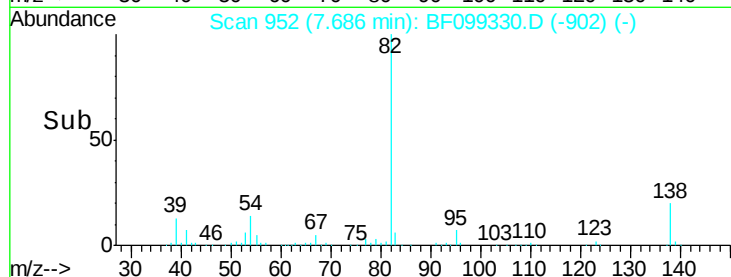
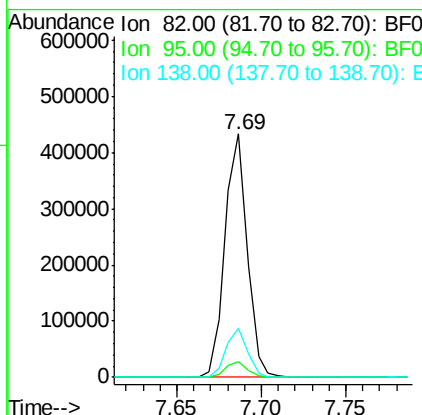
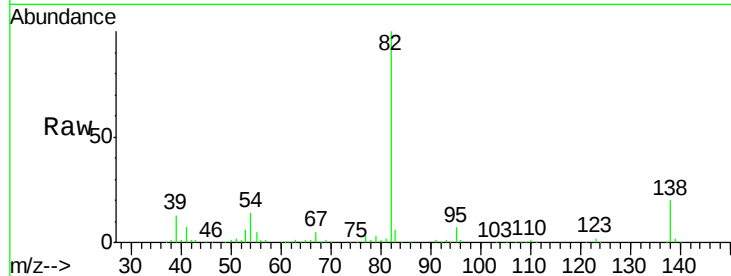




#25
Isophorone
Concen: 38.51 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

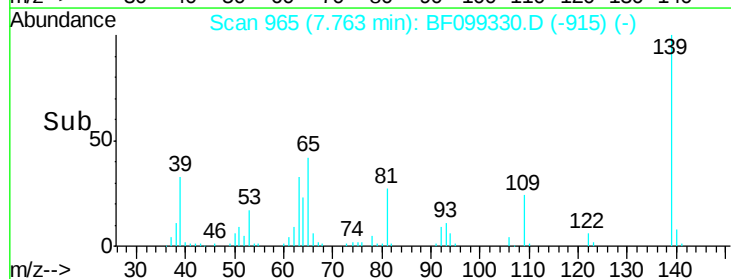
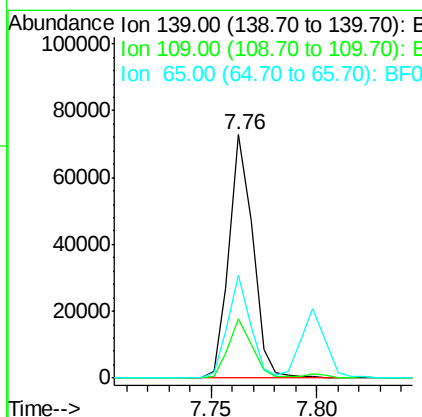
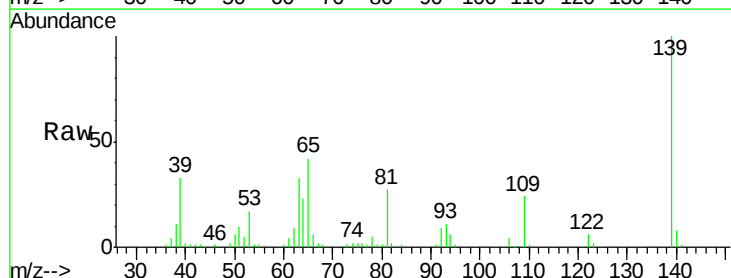
Instrument :
BNA_F
ClientSampleId :

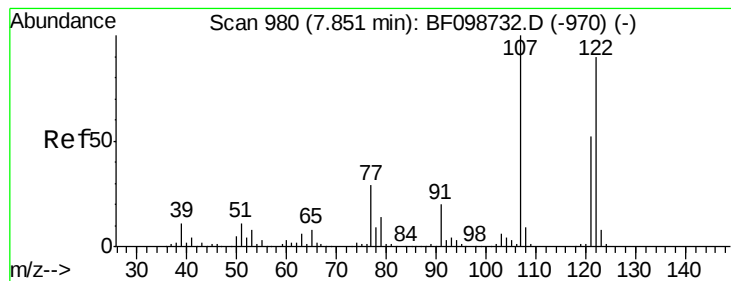
Tot Ion: 82 Resp: 397435
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 20.2 14.9 22.3



#26
2-Nitrophenol
Concen: 20.94 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion: 139 Resp: 57018
Ion Ratio Lower Upper
139 100
109 24.4 22.7 34.1
65 42.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.70 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

Instrument :

BNA_F

ClientSampleId :

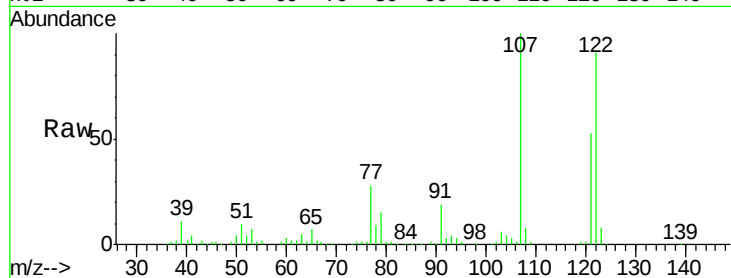
Tot Ion:122 Resp: 198978

Ion Ratio Lower Upper

122 100

107 110.3 91.2 136.8

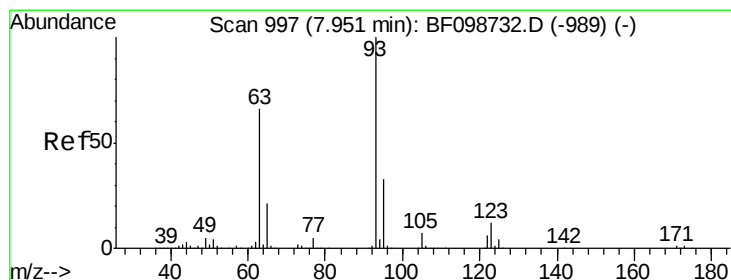
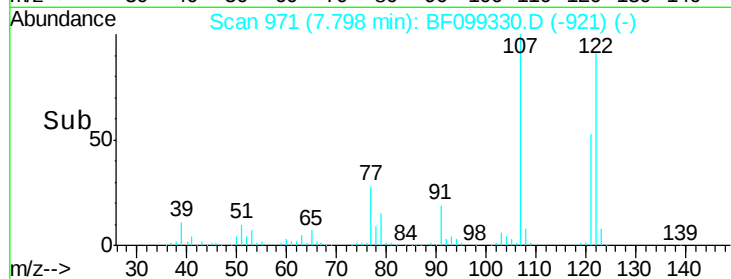
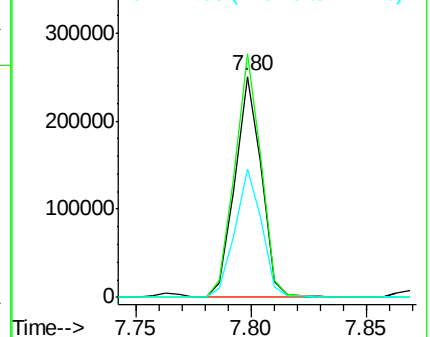
121 58.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.76 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

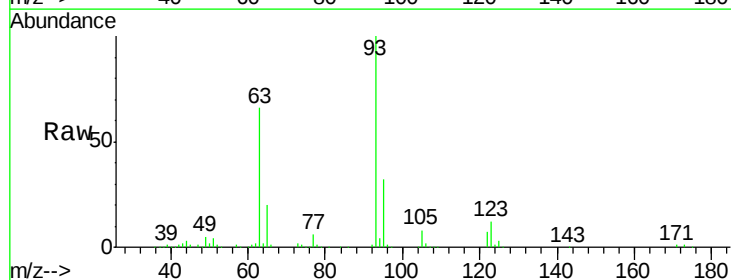
Tgt Ion: 93 Resp: 268605

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

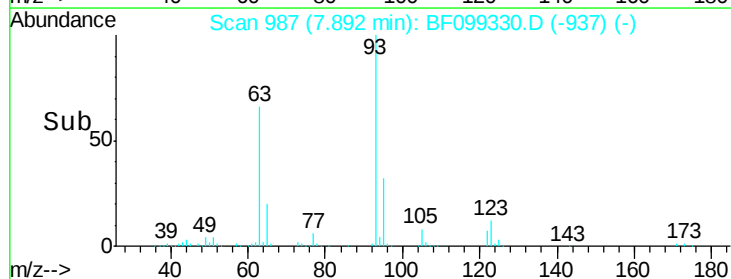
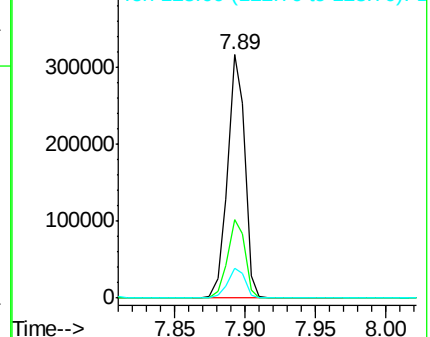
123 12.2 9.8 14.6

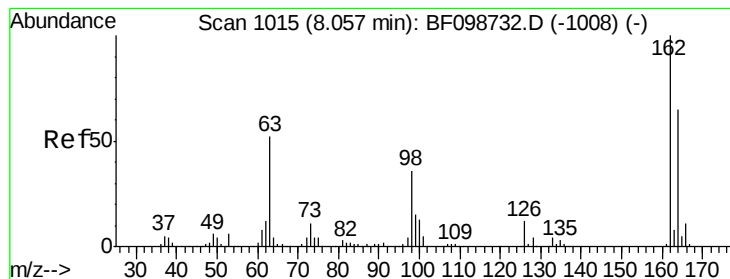


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

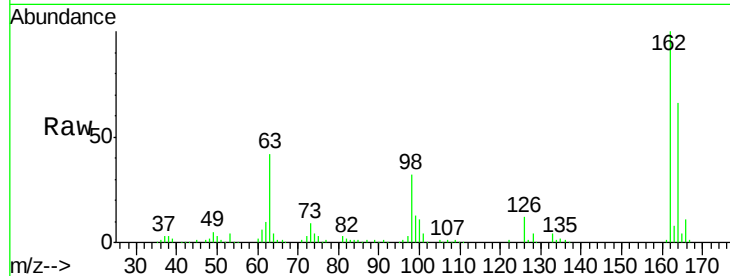




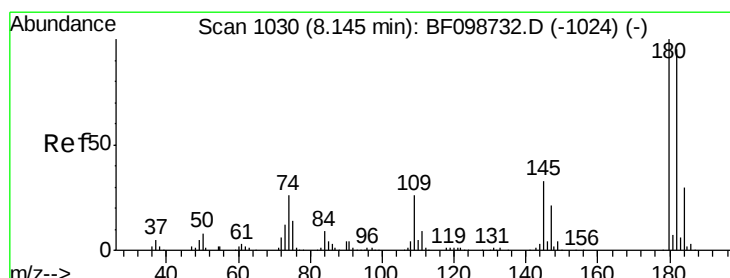
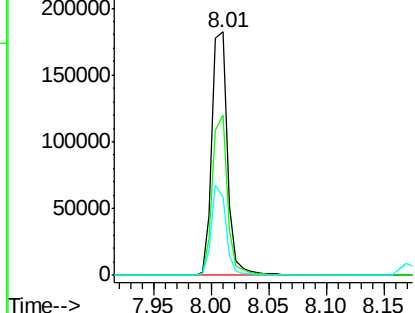
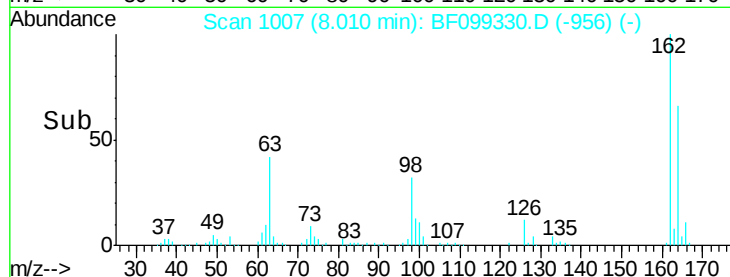
#29
 2,4-Dichlorophenol
 Concen: 38.81 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	42.7	82.7
98	32.3	18.1	58.1

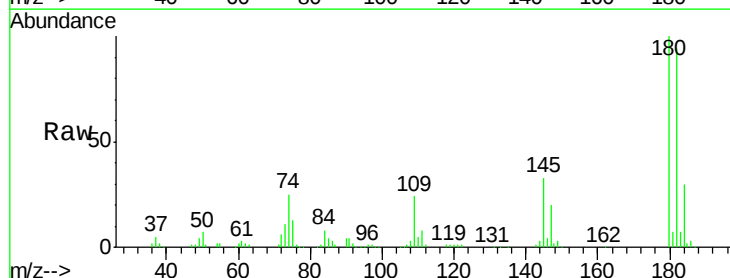


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

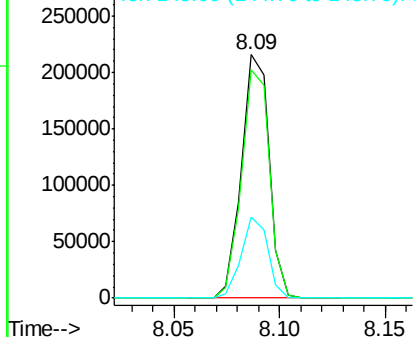
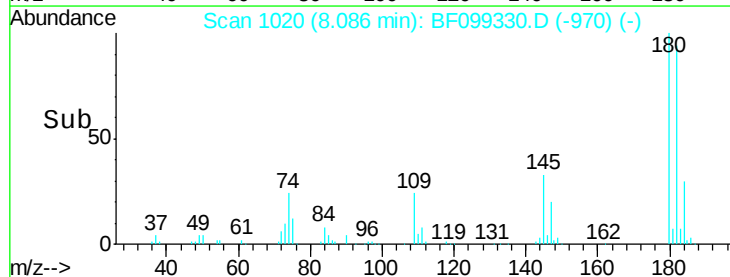


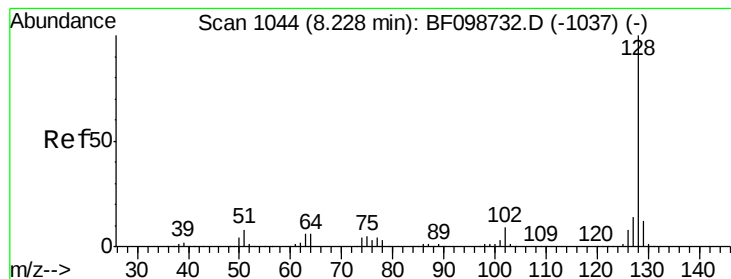
#30
 1,2,4-Trichlorobenzene
 Concen: 44.25 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.8	115.2
145	33.0	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.99 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

Instrument :

BNA_F

ClientSampled :

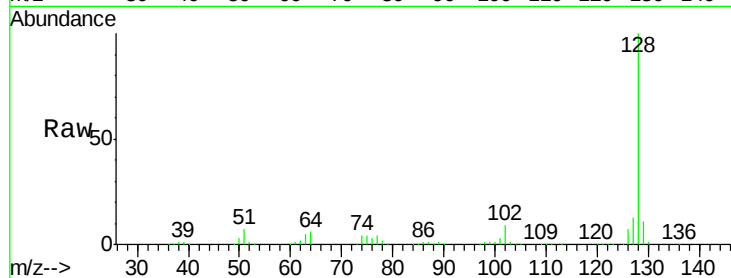
Tot Ion:128 Resp: 631239

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

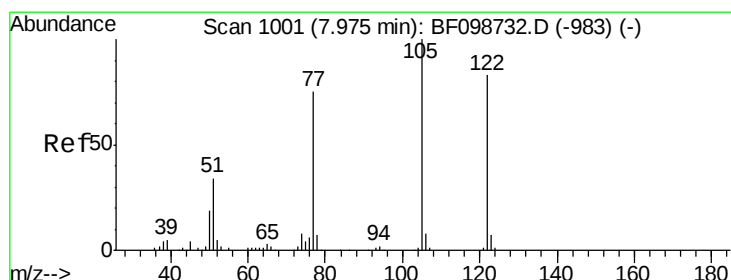
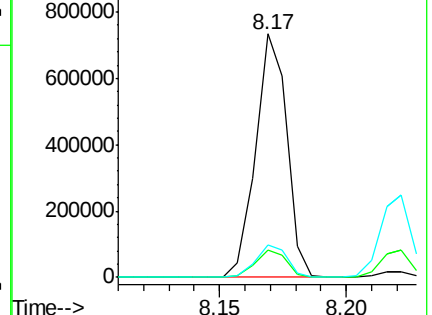
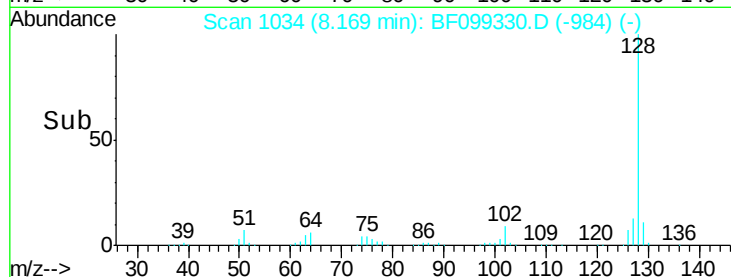
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.54 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.05 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

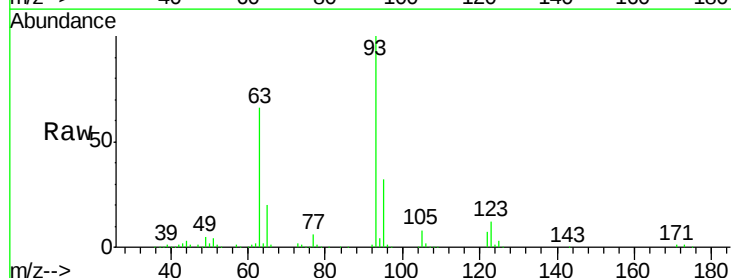
Tgt Ion:122 Resp: 40293

Ion Ratio Lower Upper

122 100

105 122.5 101.1 141.1

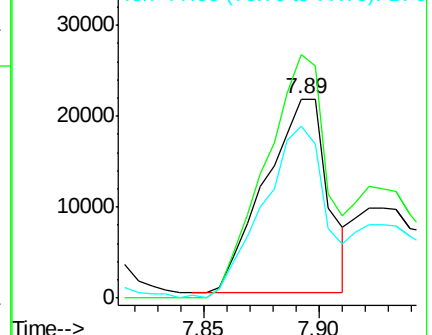
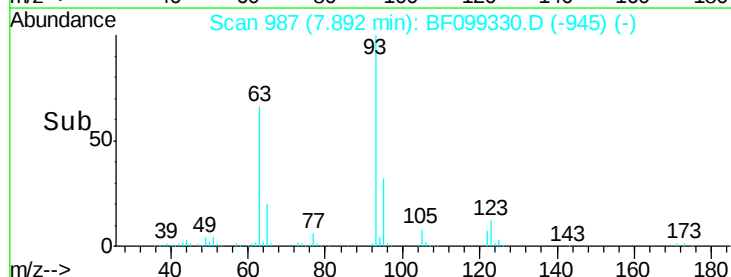
77 86.3 70.7 110.7

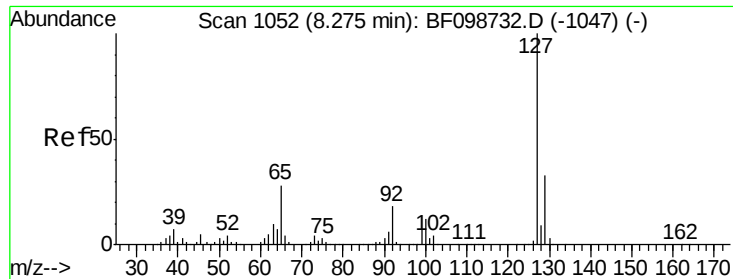


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

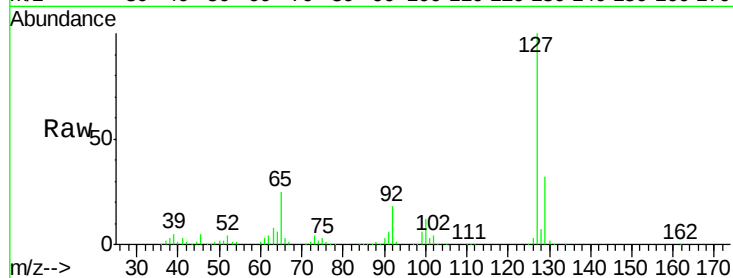




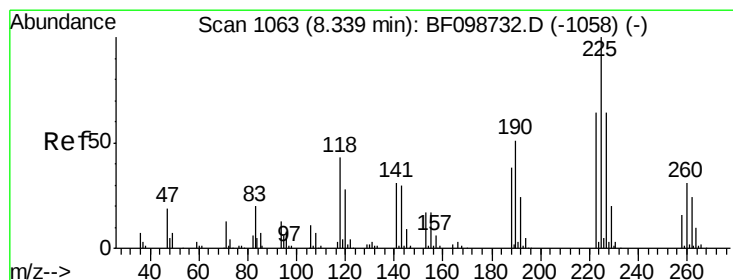
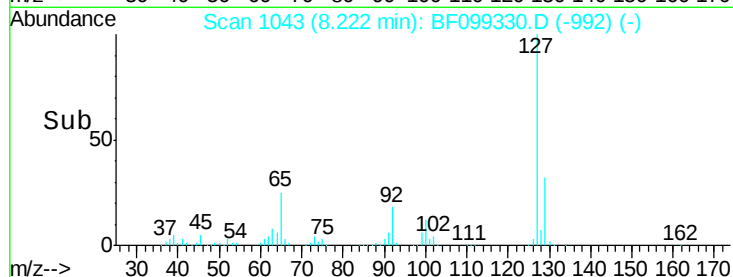
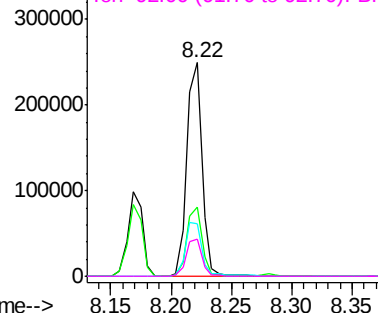
#33
4-Chloroaniline
Concen: 34.48 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	216483
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	24.8	25.0	37.4
92	17.5	15.2	22.8

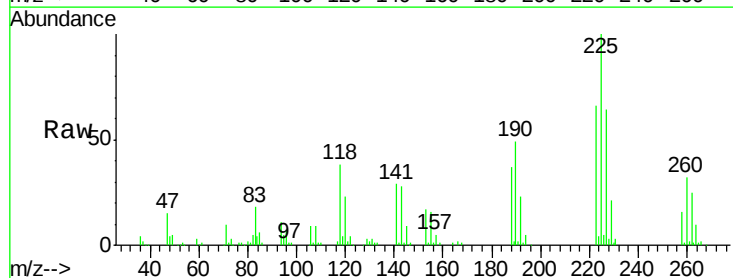


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

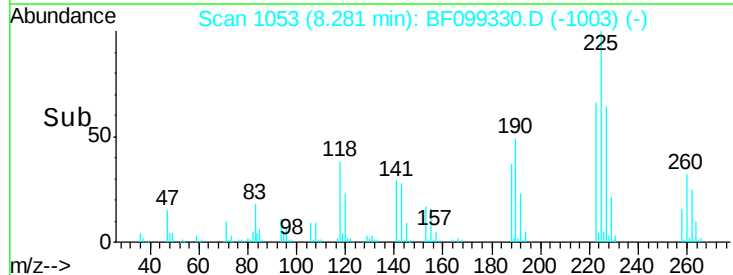
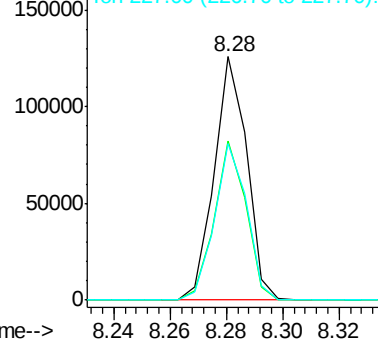


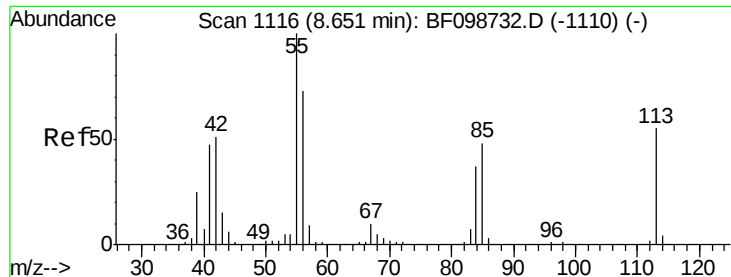
#34
Hexachlorobutadiene
Concen: 44.20 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion:	225	Resp:	100538
Ion	Ratio	Lower	Upper
225	100		
223	65.6	50.6	76.0
227	64.2	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

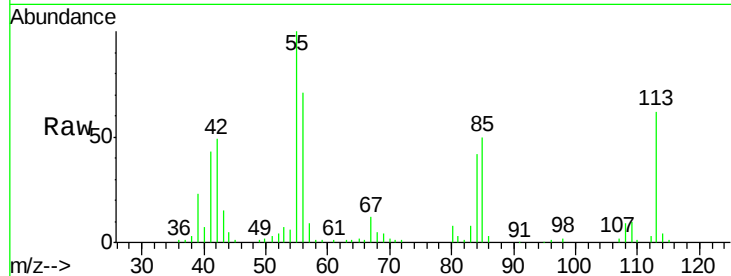




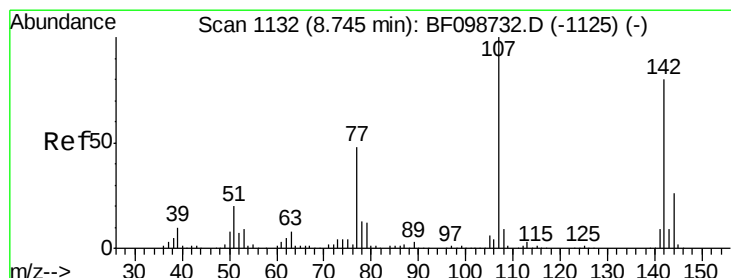
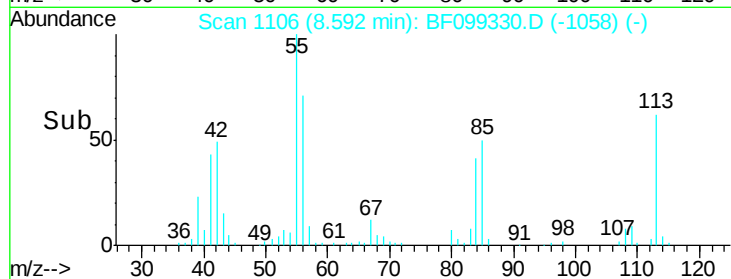
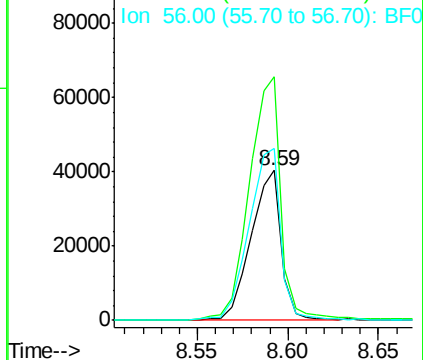
#35
 Caprolactam
 Concen: 32.95 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 46670
 Ion Ratio Lower Upper
 113 100
 55 162.5 163.3 203.3#
 56 114.9 115.7 155.7#

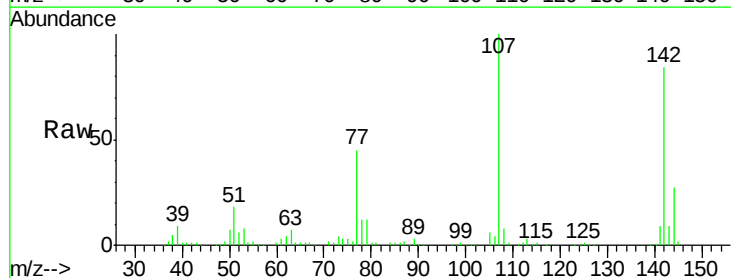


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

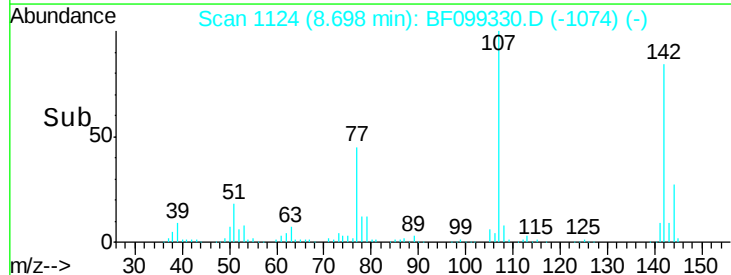
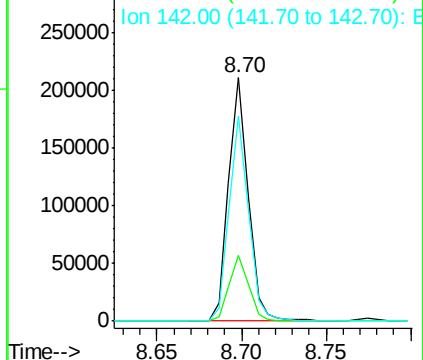


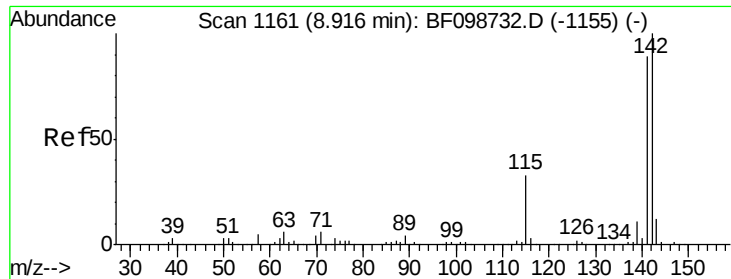
#36
 4-Chloro-3-methylphenol
 Concen: 34.17 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Tgt Ion:107 Resp: 169589
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.5 30.7
 142 84.1 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

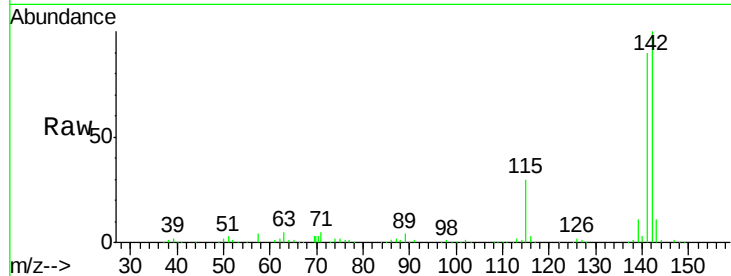




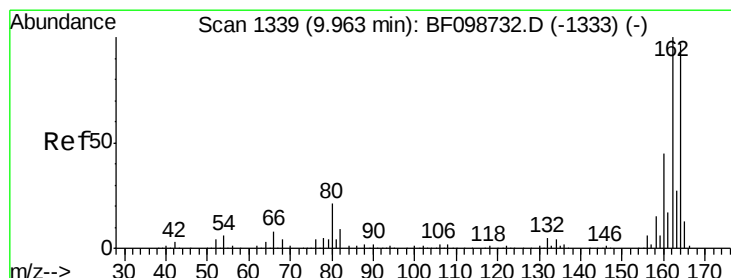
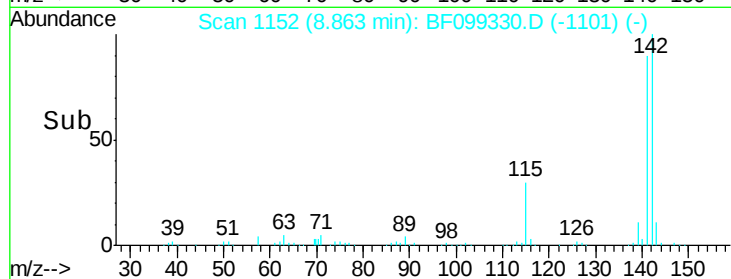
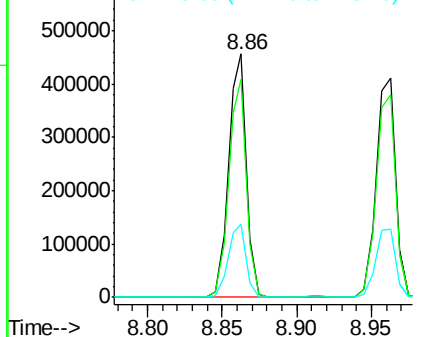
#37
2-Methylnaphthalene
Concen: 39.59 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 386939
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 29.9 26.1 39.1

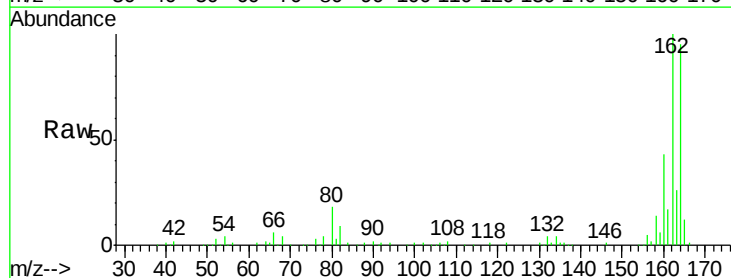


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

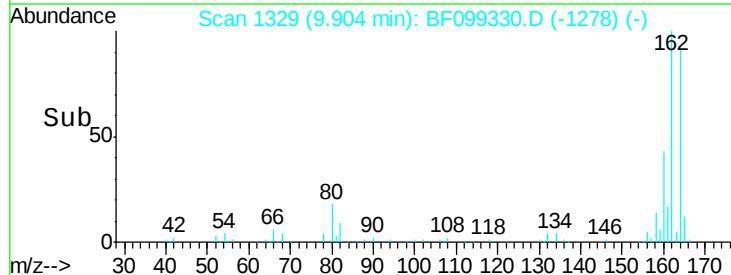
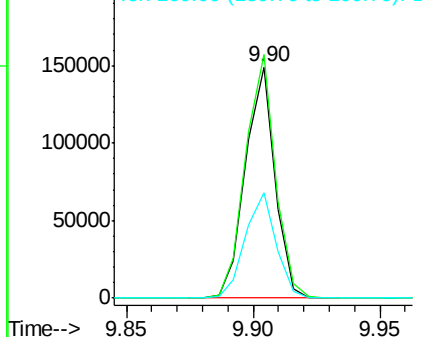


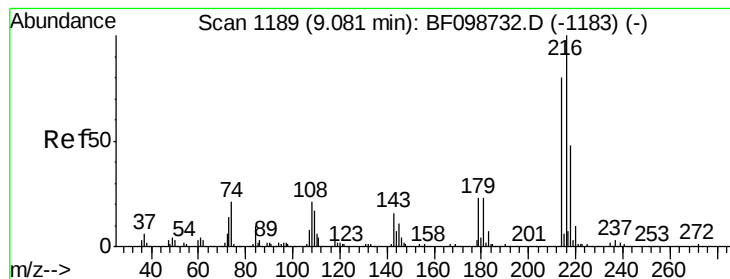
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion:164 Resp: 121101
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 45.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.34 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 174595

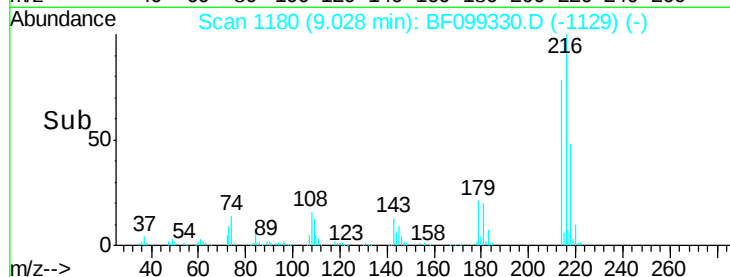
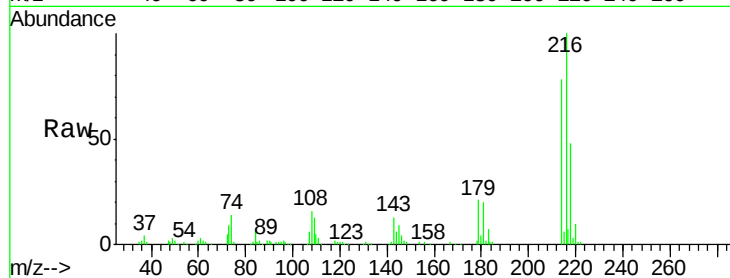
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 21.8 18.1 27.1

108 17.5 17.2 25.8

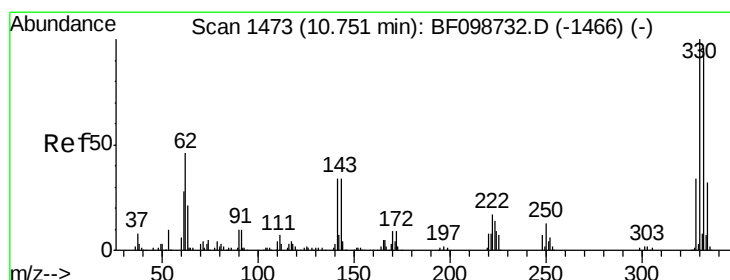
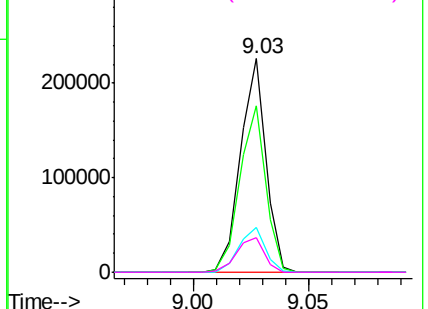


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

2,4,6-Tribromophenol

Concen: 85.14 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

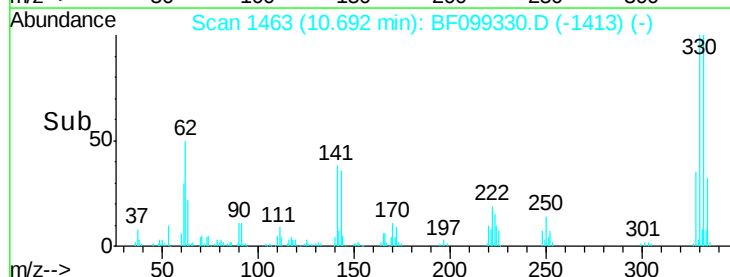
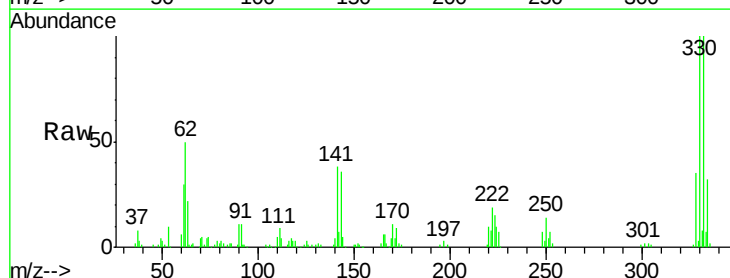
Tgt Ion:330 Resp: 84366

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

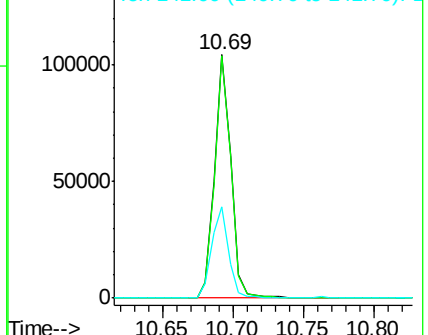
141 38.7 29.9 44.9

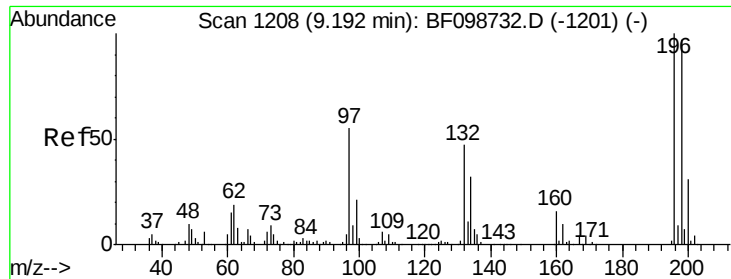


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

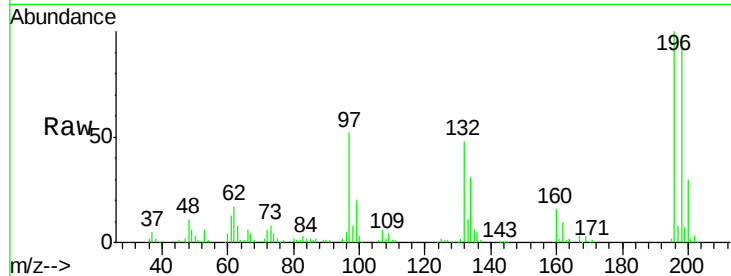




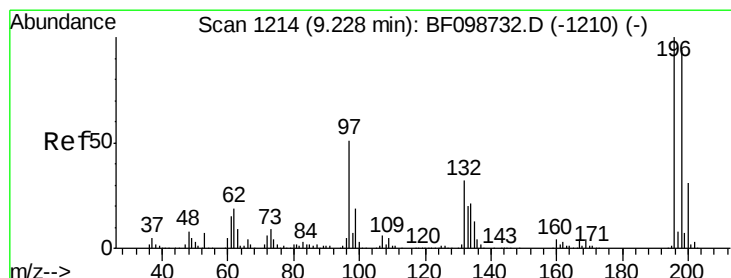
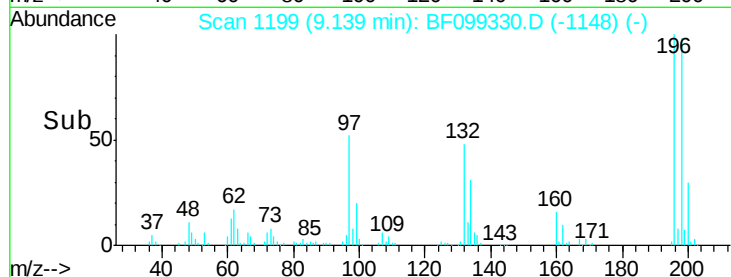
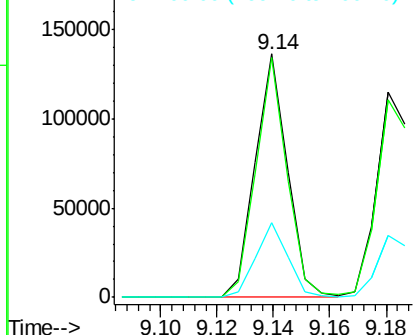
#42
 2,4,6-Trichlorophenol
 Concen: 42.31 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 108242
 Ion Ratio Lower Upper
 196 100
 198 98.4 75.7 113.5
 200 30.5 24.5 36.7

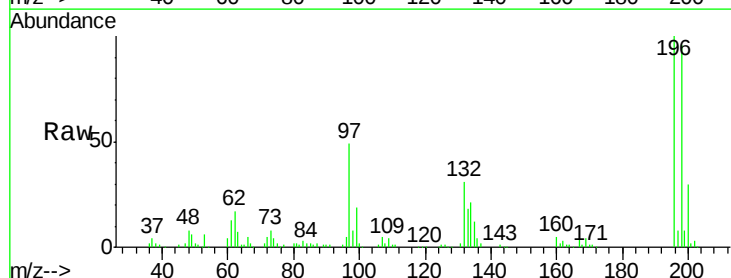


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

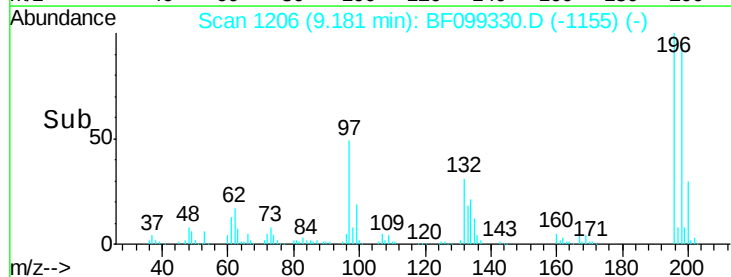
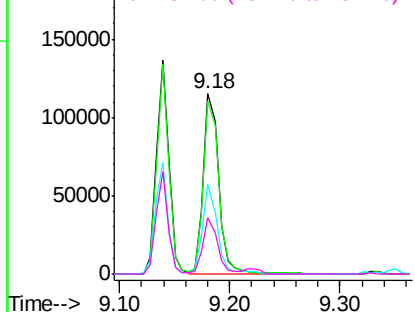


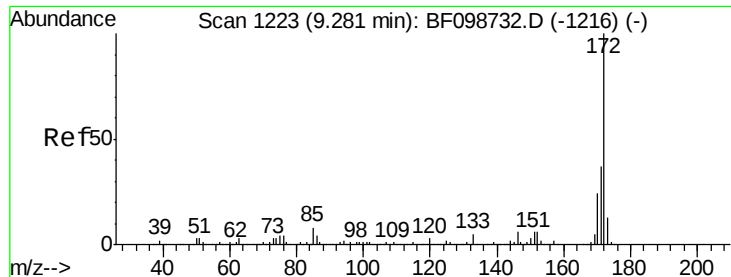
#43
 2,4,5-Trichlorophenol
 Concen: 42.50 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Tgt Ion:196 Resp: 108549
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.6 112.0
 97 49.4 42.9 64.3
 132 31.3 26.3 39.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

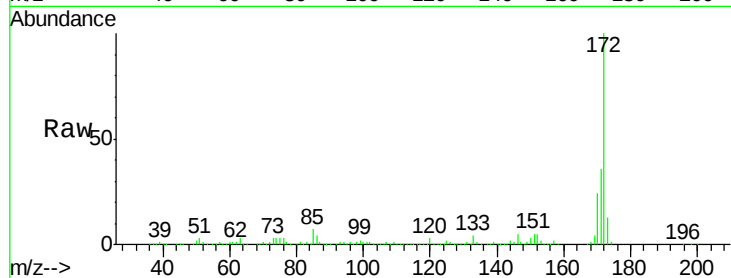




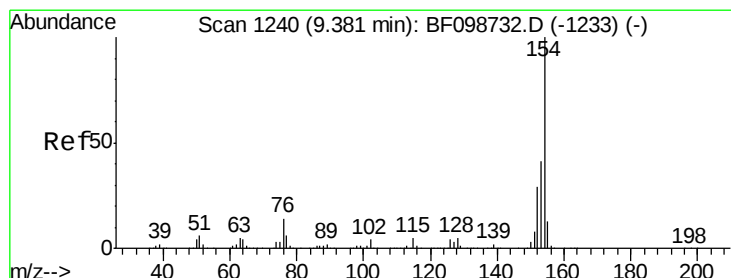
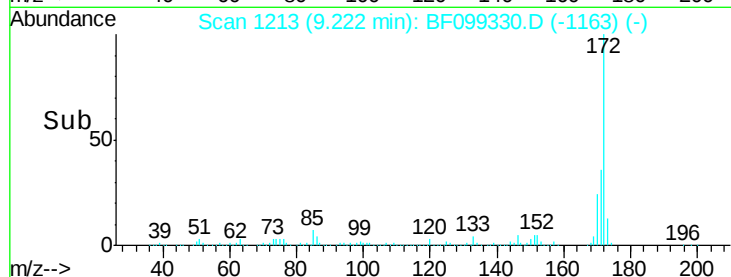
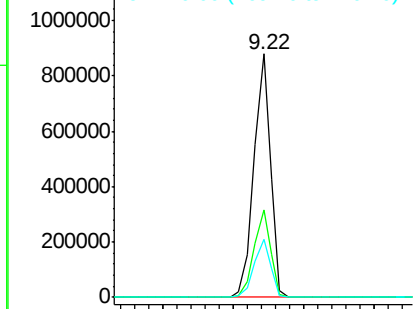
#44
 2-Fluorobiphenyl
 Concen: 100.26 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 727266
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.7 19.6 29.4

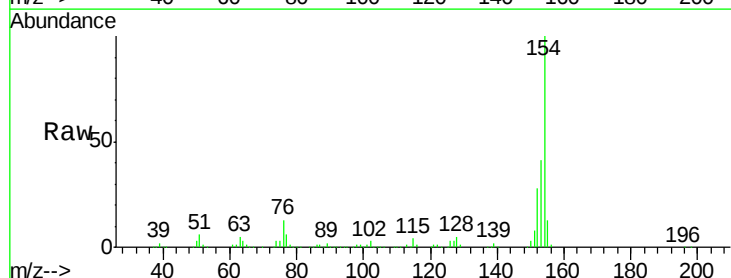


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

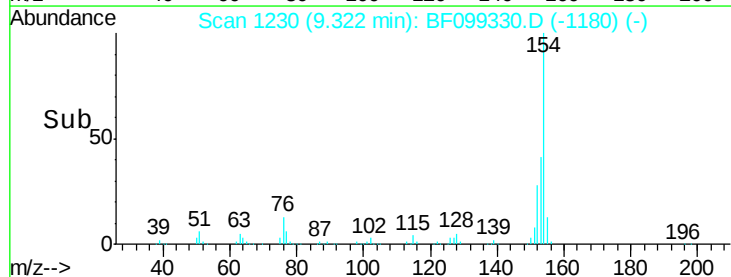
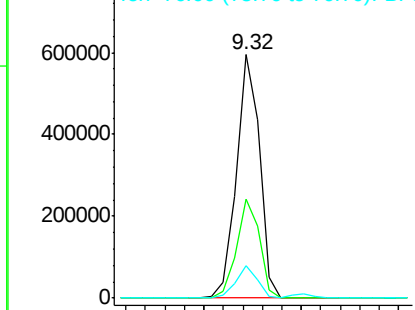


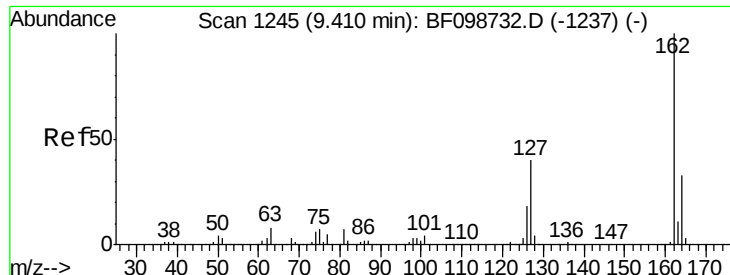
#45
 1,1'-Biphenyl
 Concen: 46.61 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Tgt Ion:154 Resp: 485096
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.3 61.3
 76 13.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

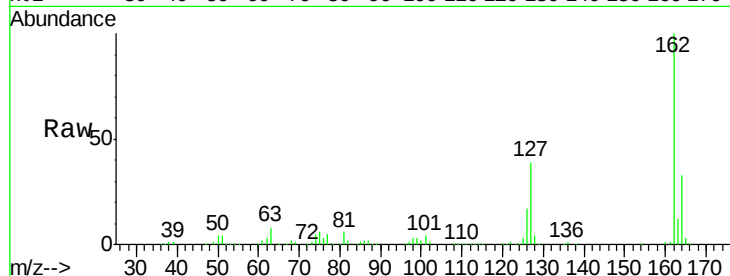




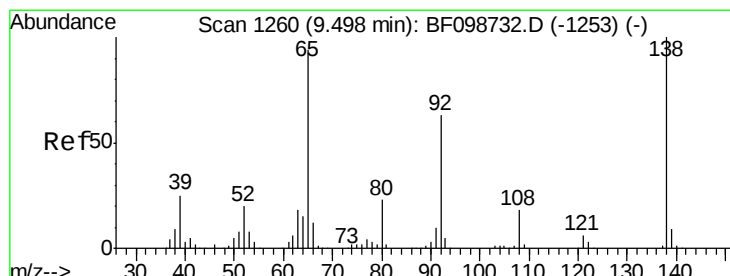
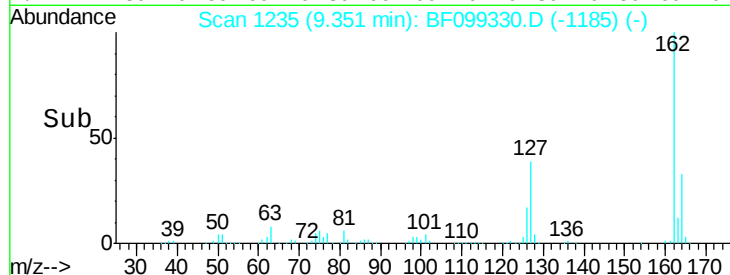
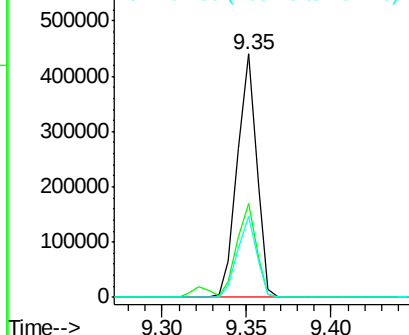
#46
 2-Chloronaphthalene
 Concen: 45.10 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	33.9	50.9
164	33.2	26.5	39.7

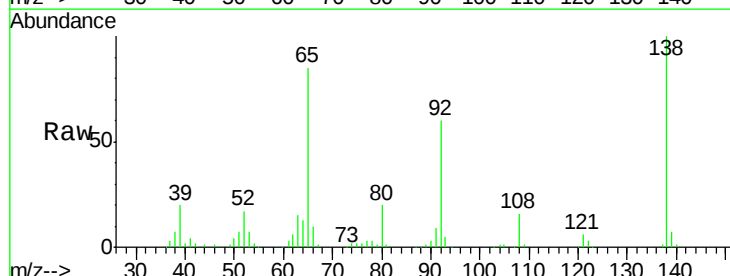


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

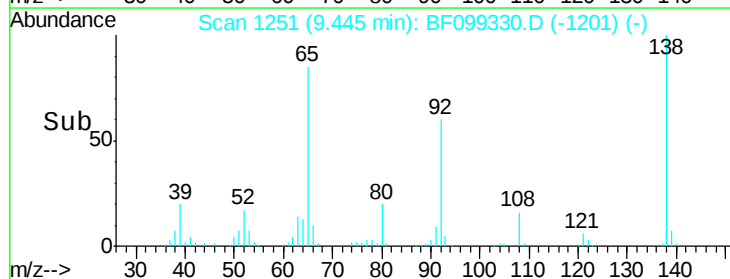
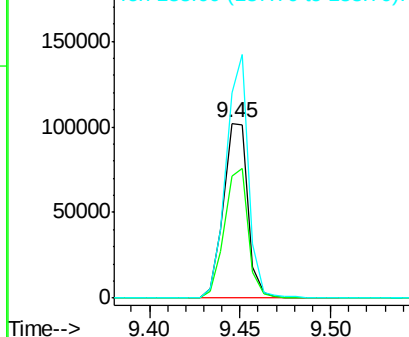


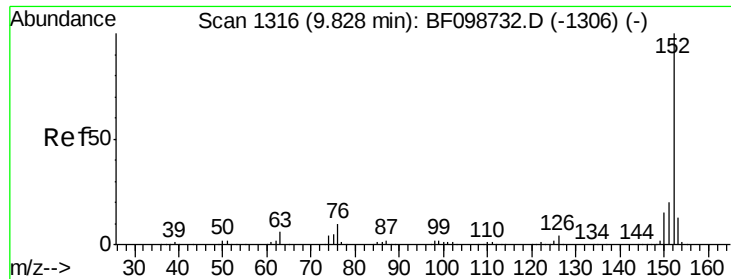
#47
 2-Nitroaniline
 Concen: 40.16 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	55.8	83.6
138	117.6	91.2	136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

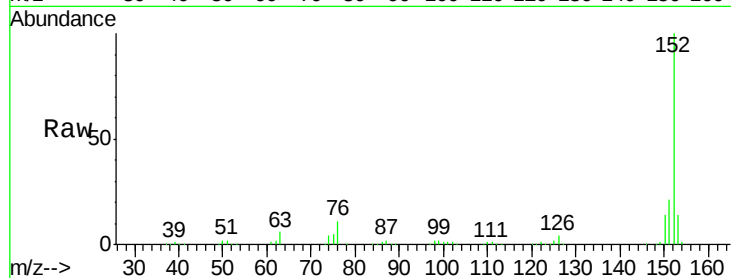




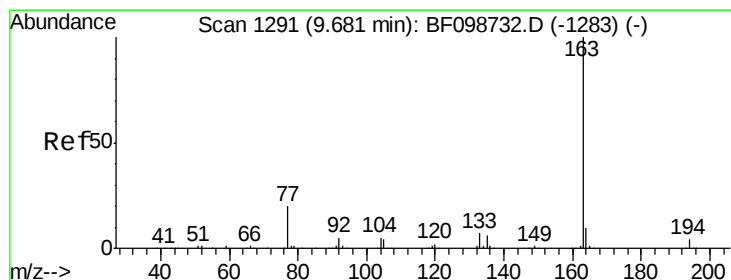
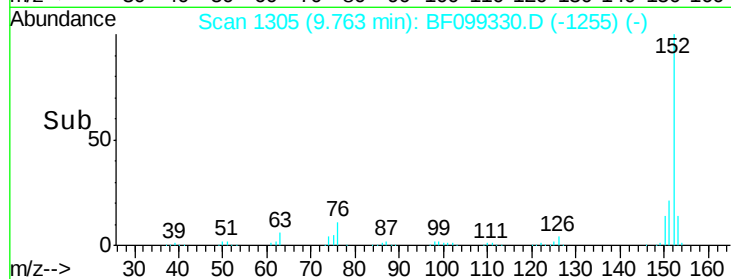
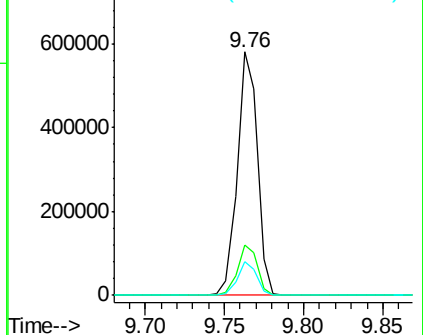
#48
Acenaphthylene
Concen: 42.50 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.6	10.7	16.1

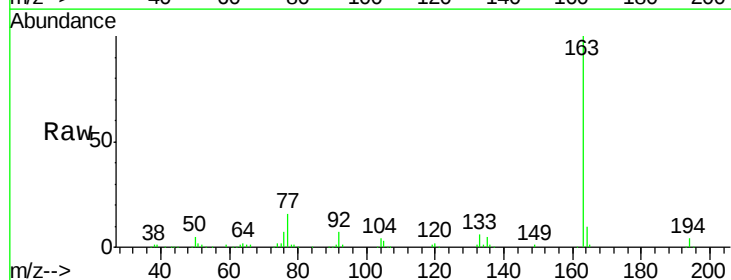


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

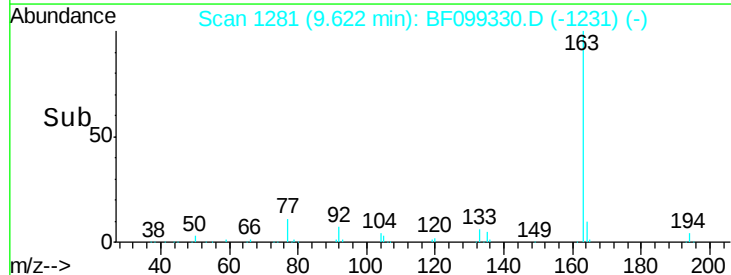
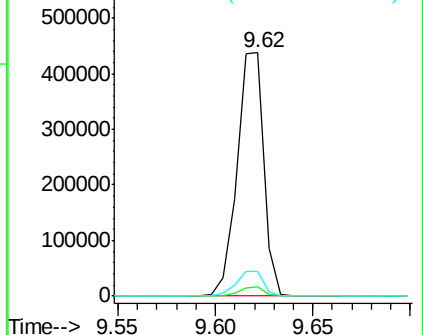


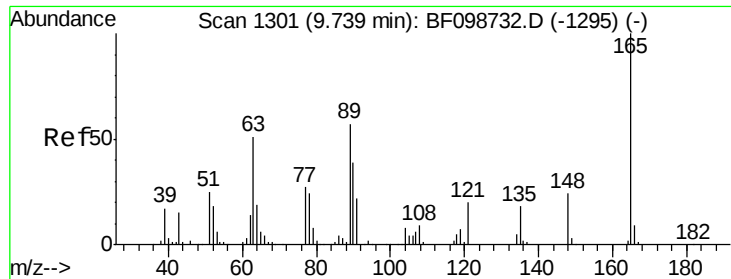
#49
Dimethylphthalate
Concen: 45.43 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.9	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

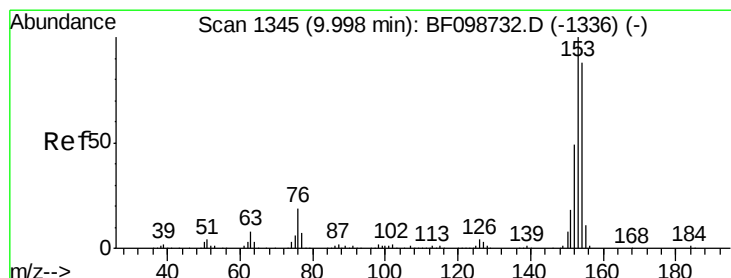
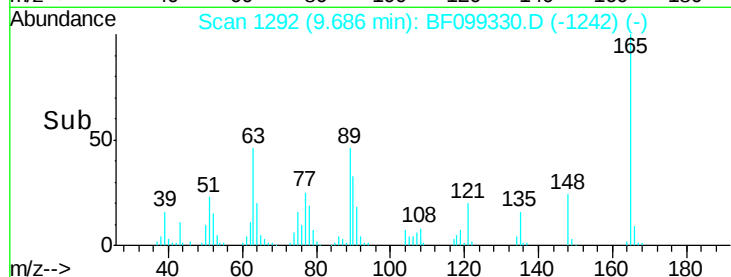
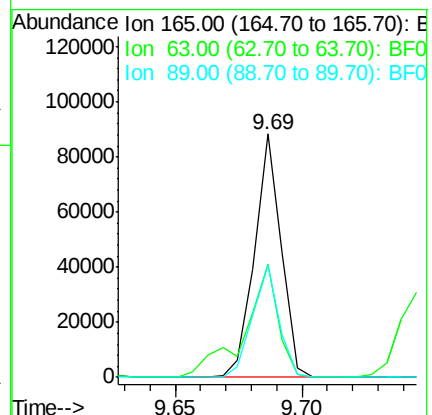
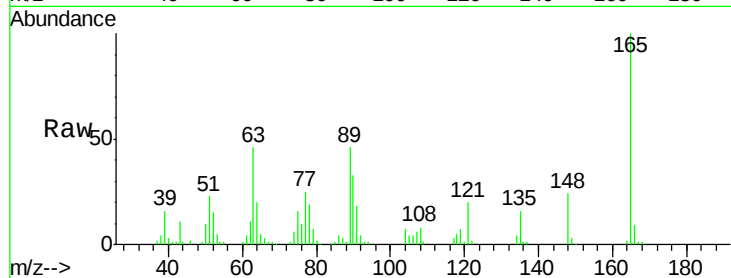




#50
2,6-Dinitrotoluene
Concen: 32.49 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

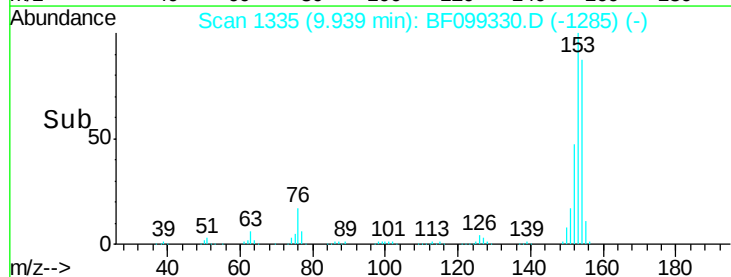
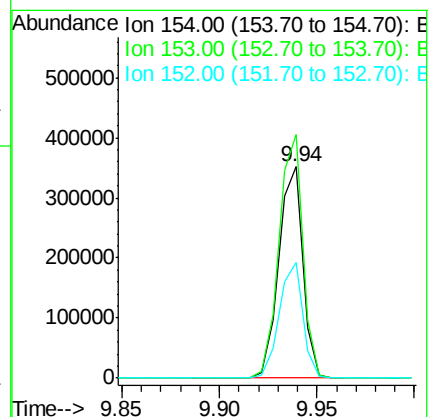
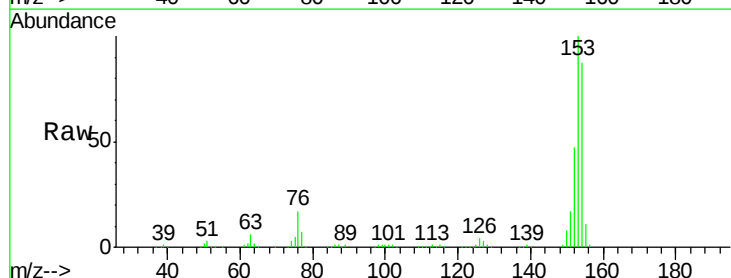
Instrument :
BNA_F
ClientSampled :

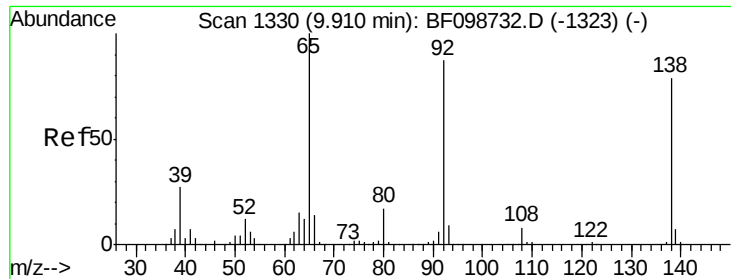
Tot Ion:165 Resp: 64647
Ion Ratio Lower Upper
165 100
63 46.2 44.7 67.1
89 45.9 44.0 66.0



#51
Acenaphthene
Concen: 39.60 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion:154 Resp: 300080
Ion Ratio Lower Upper
154 100
153 115.4 91.2 136.8
152 54.6 43.8 65.8

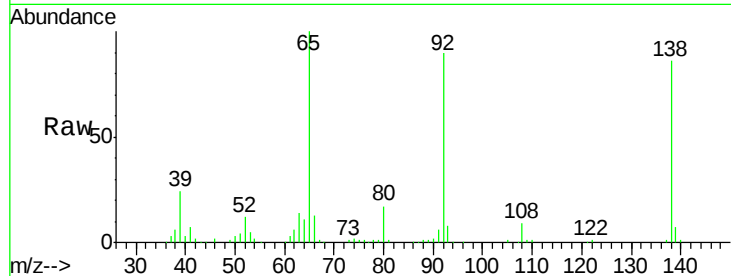




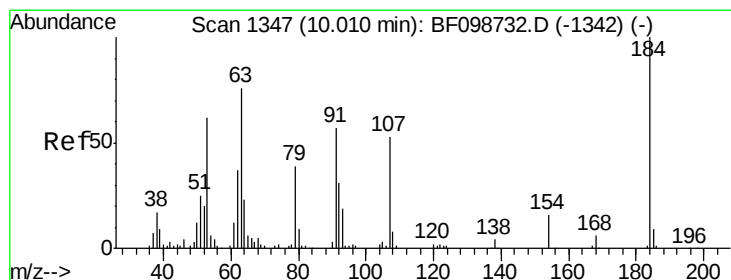
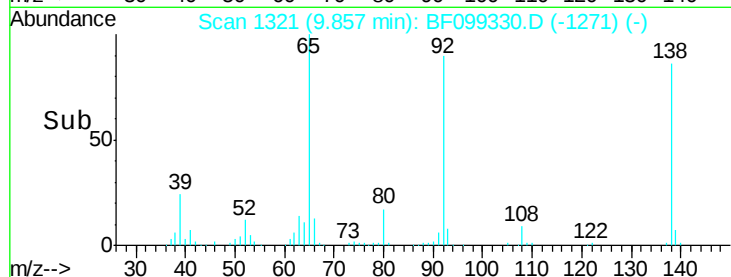
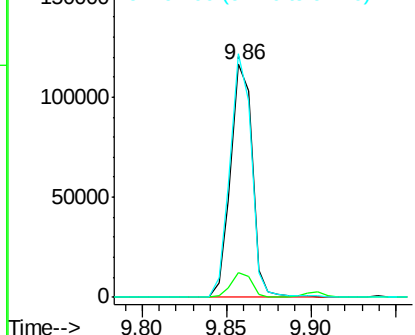
#52
 3-Nitroaniline
 Concen: 45.01 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 104421
 Ion Ratio Lower Upper
 138 100
 108 10.7 9.4 14.0
 92 104.4 89.4 134.2

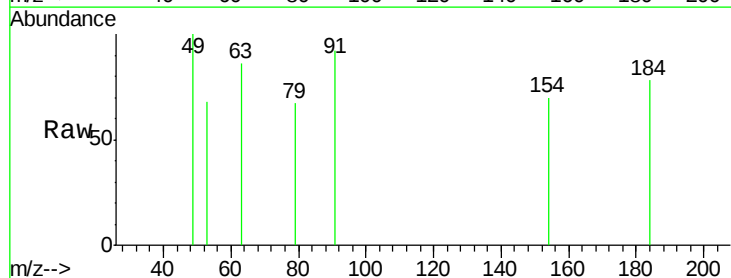


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): E

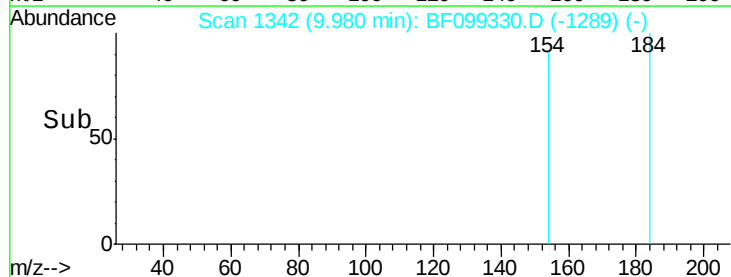
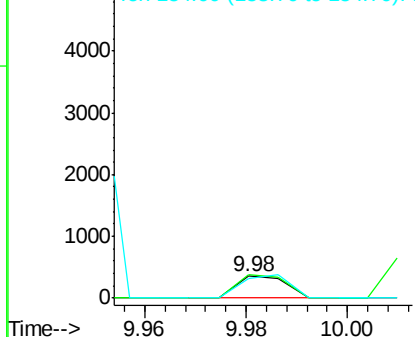


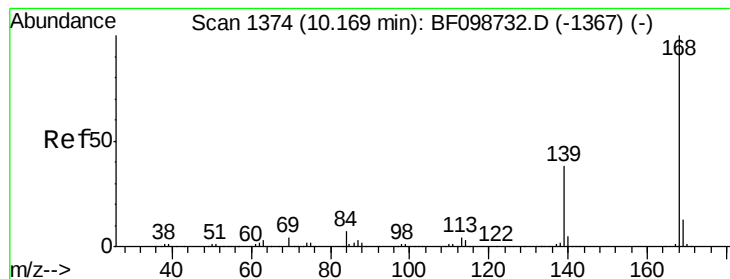
#53
 2,4-Dinitrophenol
 Concen: 6.04 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Tgt Ion:184 Resp: 235
 Ion Ratio Lower Upper
 184 100
 63 111.1 54.2 81.2#
 154 90.6 53.5 80.3#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 42.42 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

Instrument :

BNA_F

ClientSampleId :

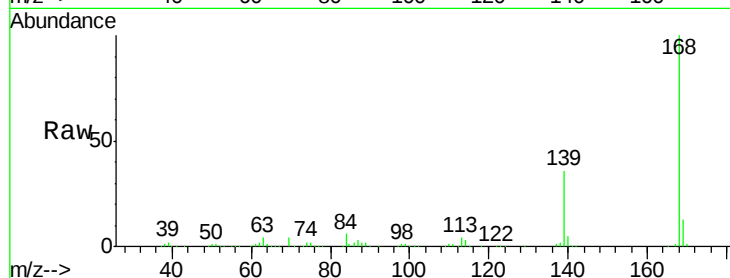
Tot Ion:168 Resp: 427967

Ion Ratio Lower Upper

168 100

139 35.8 30.1 45.1

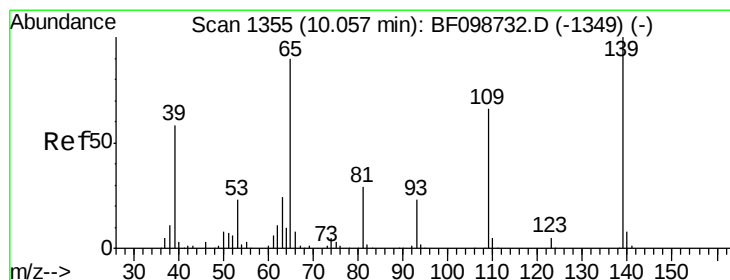
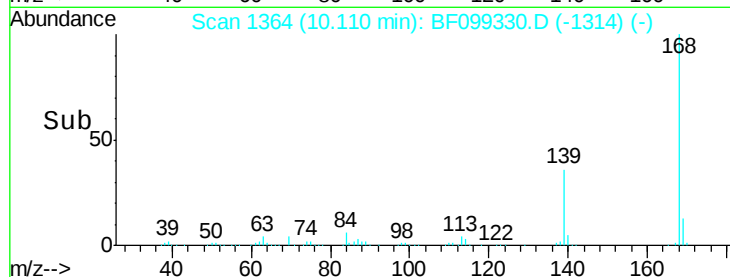
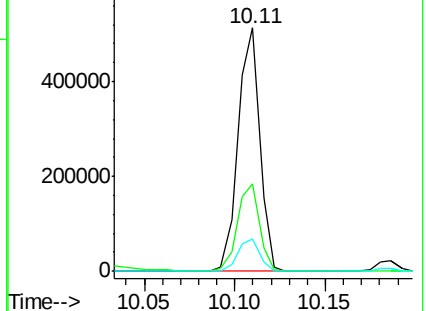
169 13.3 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 20.94 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

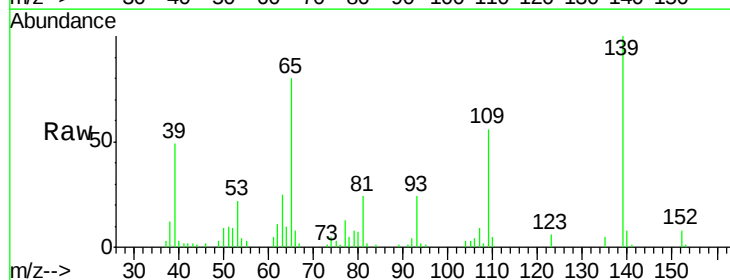
Tgt Ion:139 Resp: 41085

Ion Ratio Lower Upper

139 100

109 56.3 48.4 88.4

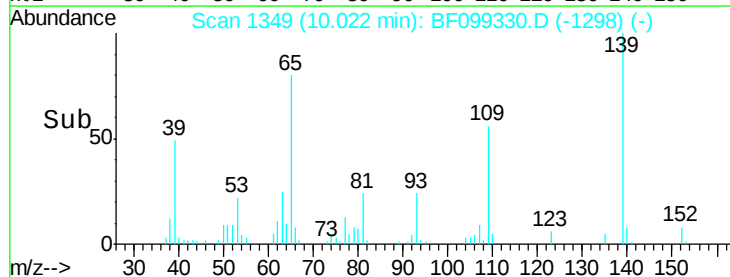
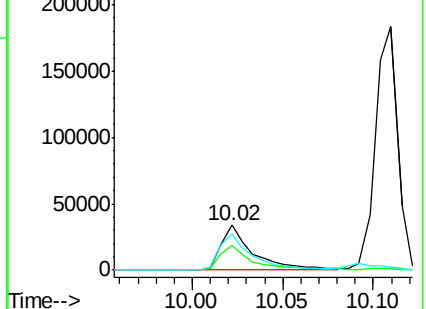
65 80.2 72.6 112.6

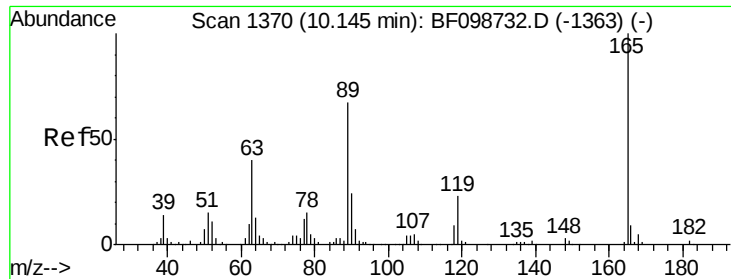


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

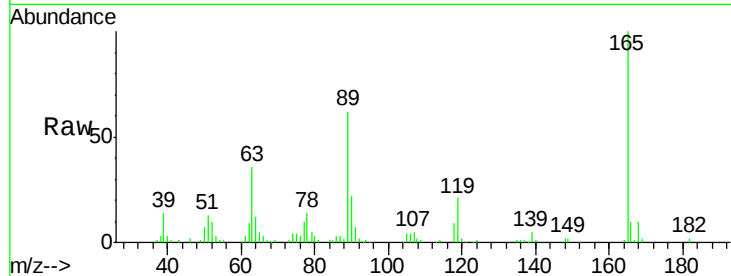




#56
2,4-Dinitrotoluene
Concen: 27.44 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.3	36.4	54.6#
89	62.4	57.8	86.6
182	2.3	1.6	2.4



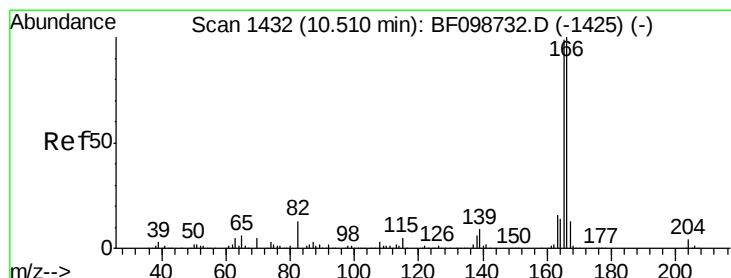
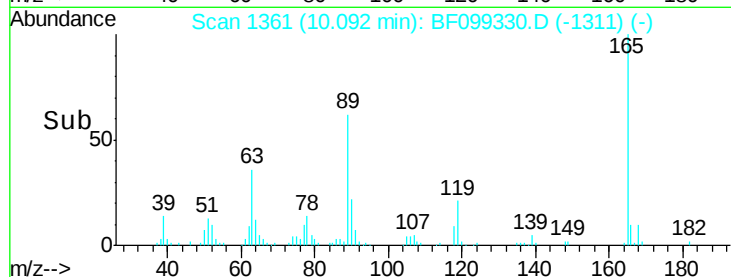
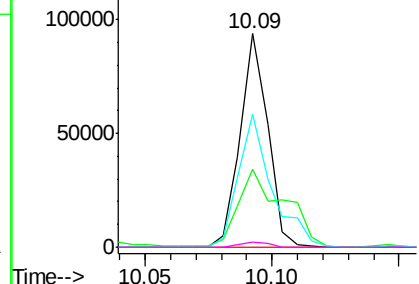
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

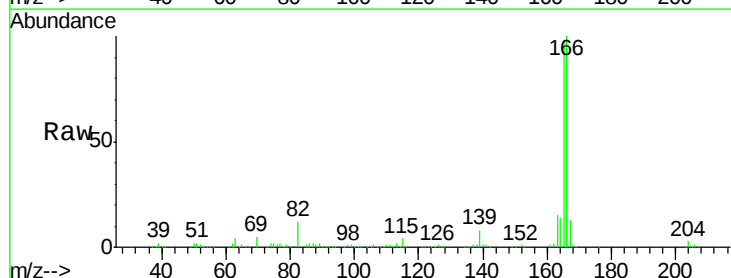
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 42.46 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.8	119.8
167	13.4	10.6	16.0

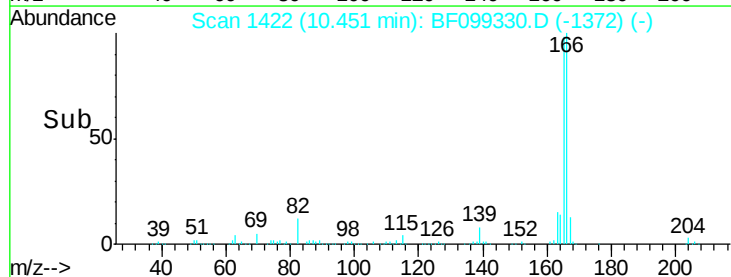
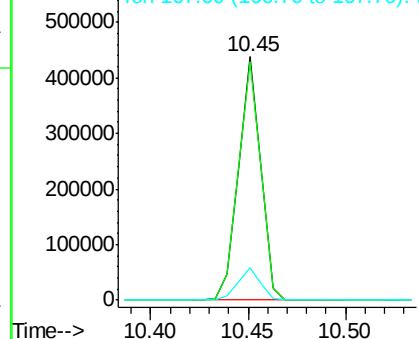


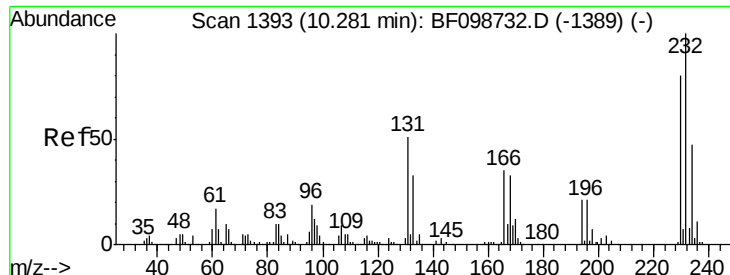
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

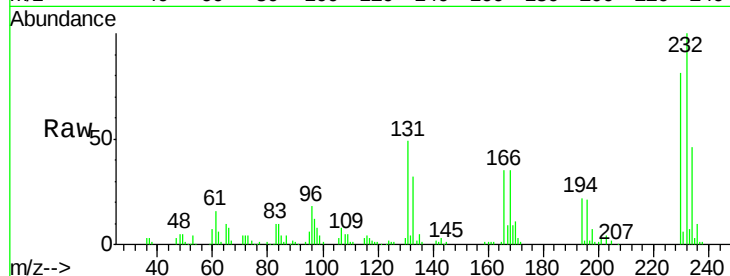




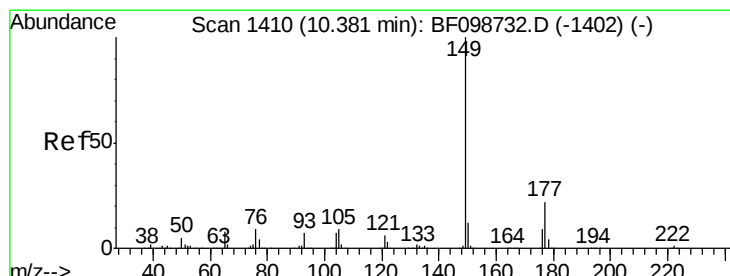
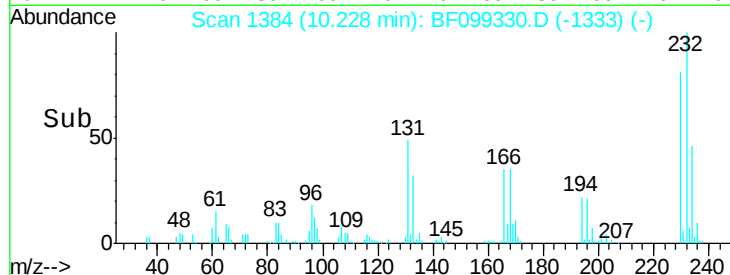
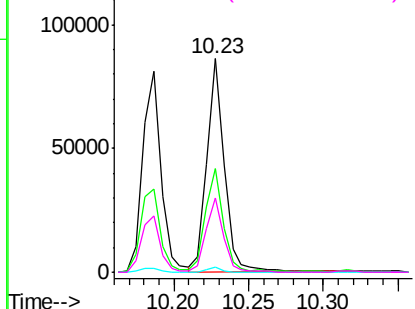
#58
2,3,4,6-Tetrachlorophenol
Concen: 39.10 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 68986
Ion Ratio Lower Upper
232 100
131 50.5 43.8 65.8
130 2.1 2.1 3.1
166 35.4 27.8 41.6

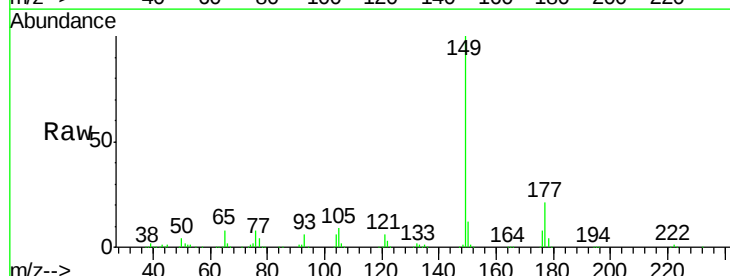


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

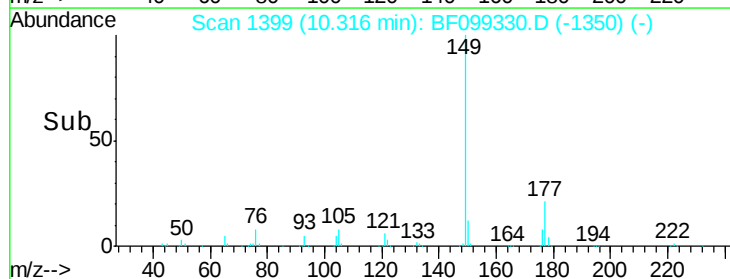
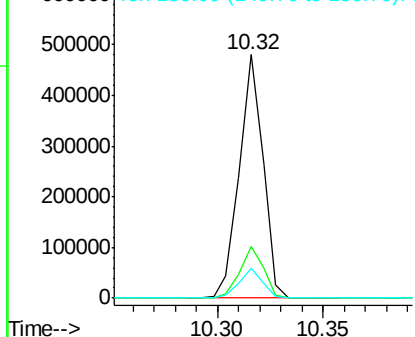


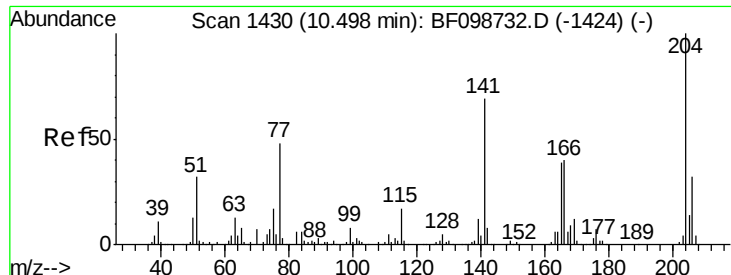
#59
Diethylphthalate
Concen: 41.70 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion:149 Resp: 372443
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

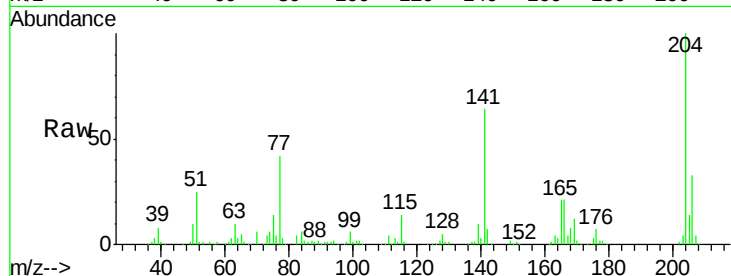




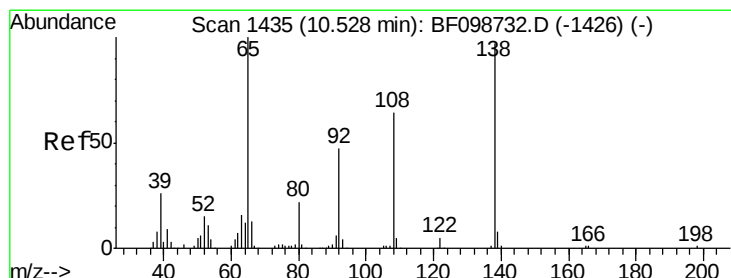
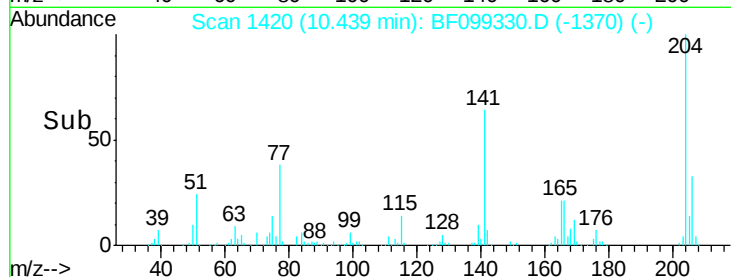
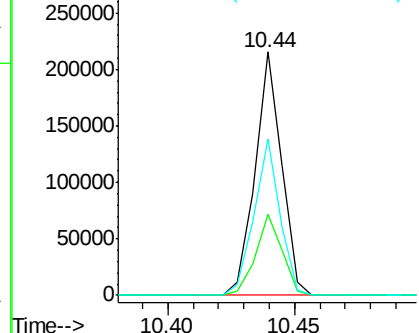
#60
4-Chlorophenyl-phenylether
Concen: 43.13 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 157105
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 64.4 54.6 81.8

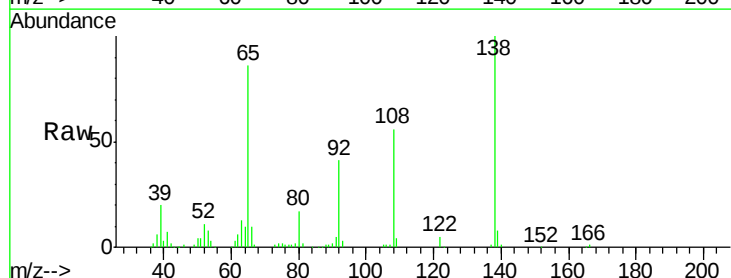


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

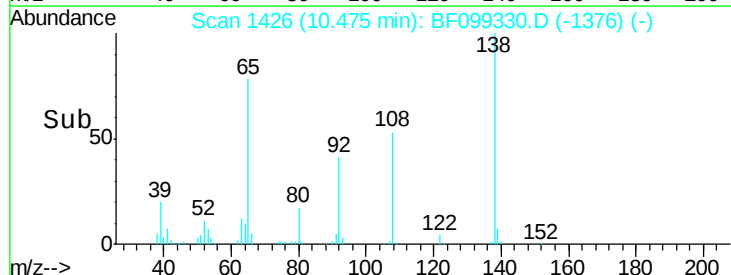
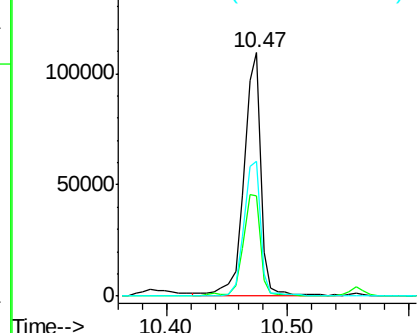


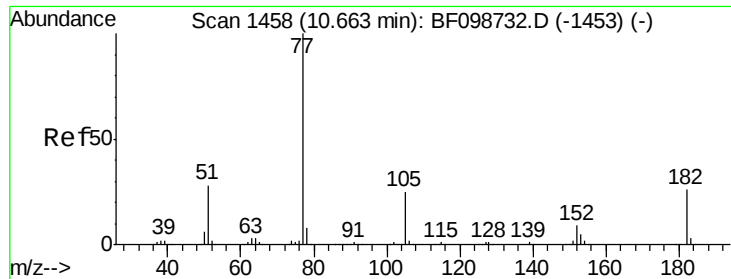
#61
4-Nitroaniline
Concen: 48.63 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion:138 Resp: 108852
Ion Ratio Lower Upper
138 100
92 41.3 30.2 70.2
108 55.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 35.81 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 294033

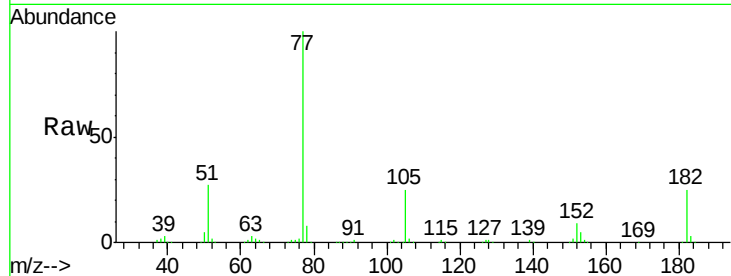
Ion Ratio Lower Upper

77 100

182 24.6 1.7 41.7

105 25.2 3.0 43.0

51 26.5 9.9 49.9

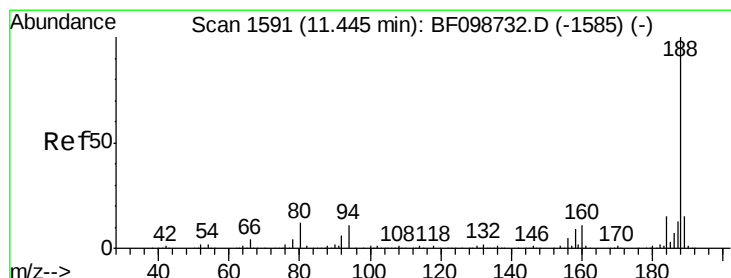
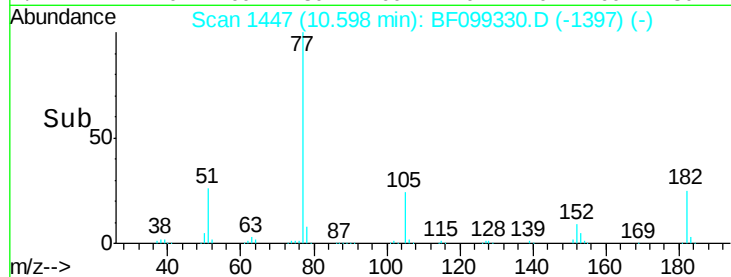
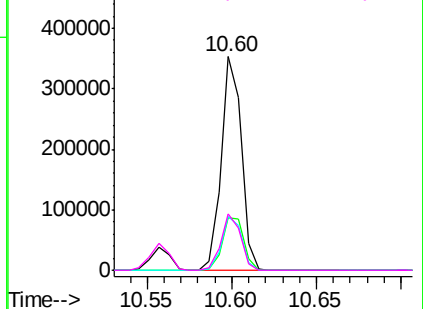


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

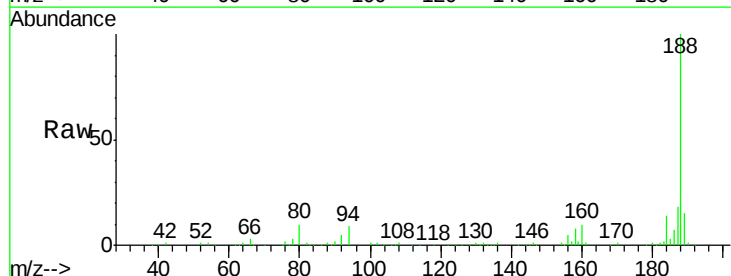
Tgt Ion: 188 Resp: 210597

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

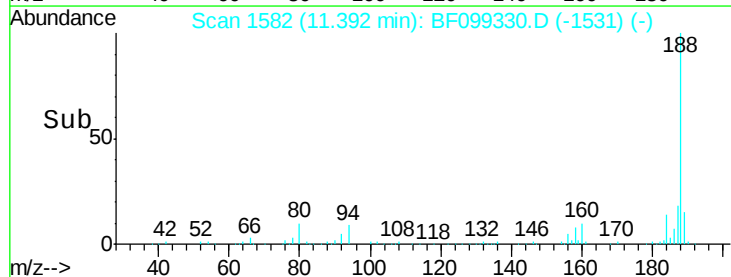
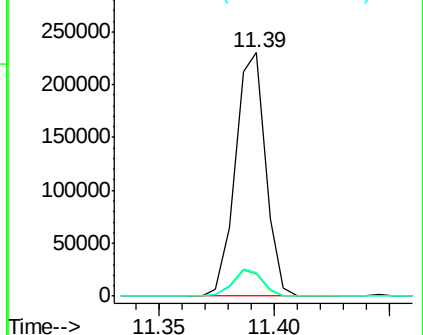
80 9.7 9.2 13.8

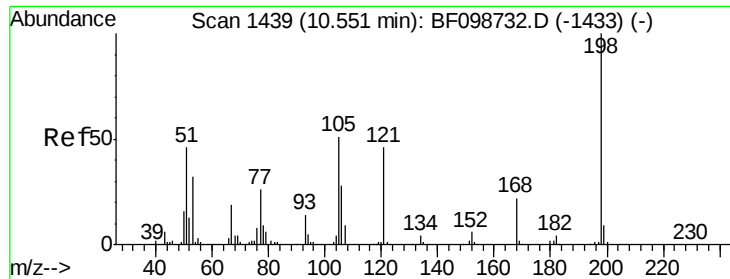


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

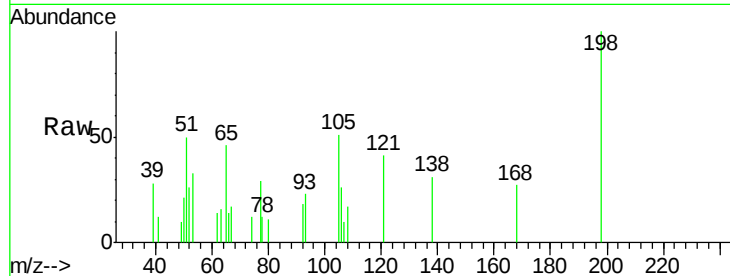




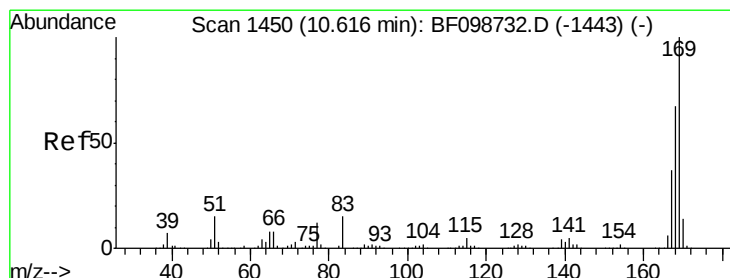
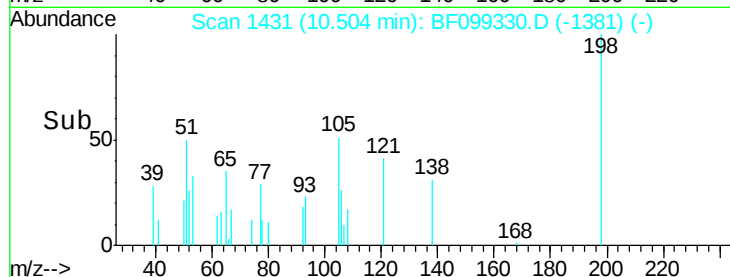
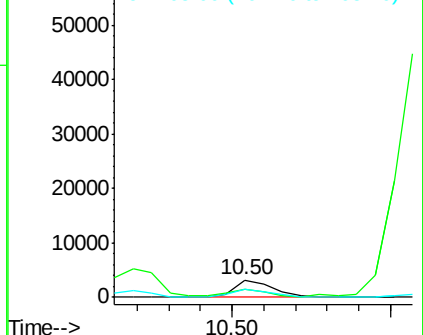
#64
4,6-Dinitro-2-methylphenol
Concen: 2.04 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 2611
Ion Ratio Lower Upper
198 100
51 50.3 37.7 77.7
105 51.3 36.3 76.3

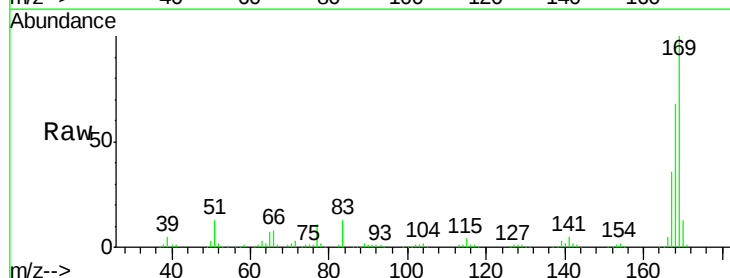


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

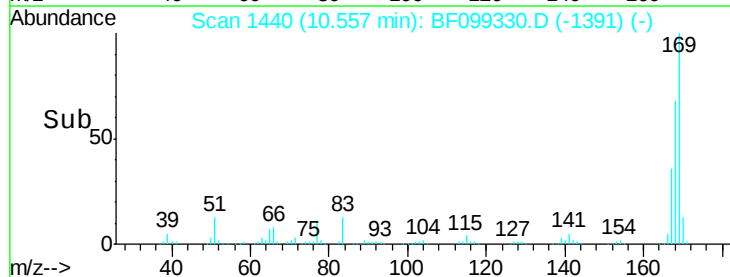
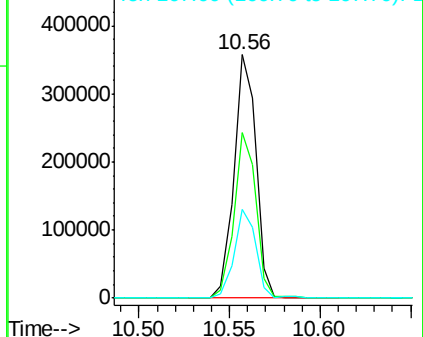


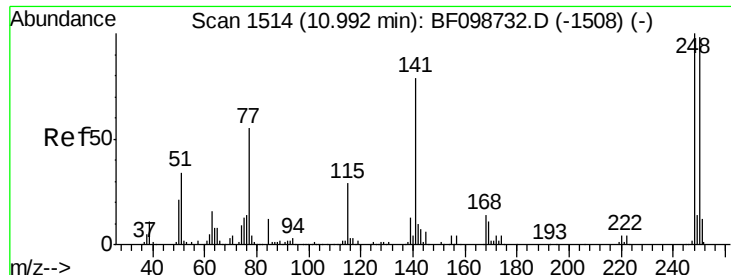
#65
n-Nitrosodiphenylamine
Concen: 41.42 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion:169 Resp: 302211
Ion Ratio Lower Upper
169 100
168 68.1 54.4 81.6
167 36.2 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

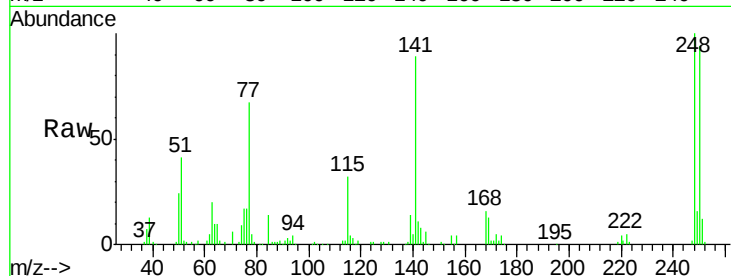




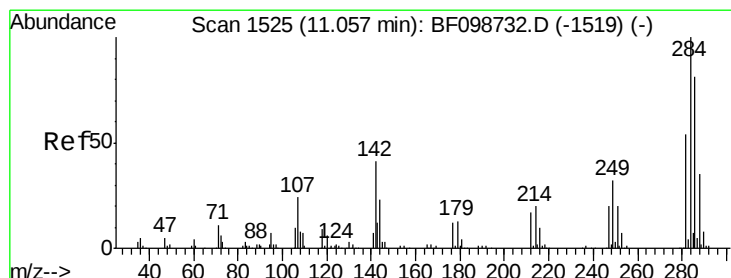
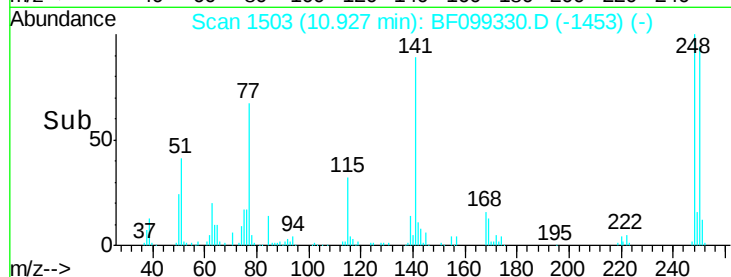
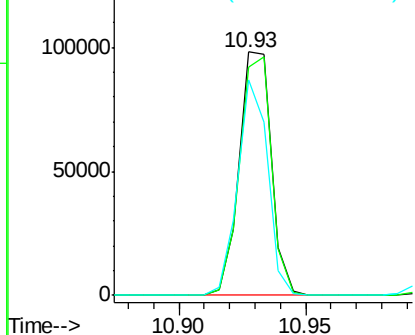
#66
4-Bromophenyl-phenylether
Concen: 42.04 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 86671
Ion Ratio Lower Upper
248 100
250 93.7 76.9 115.3
141 88.7 74.4 111.6

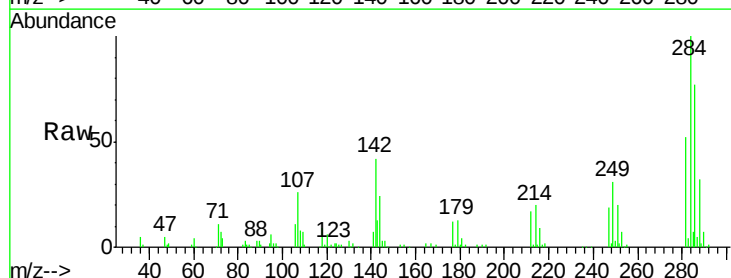


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

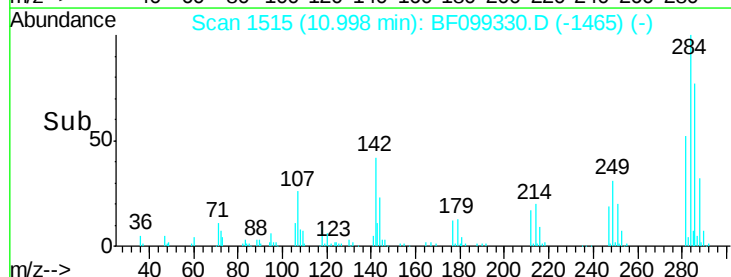
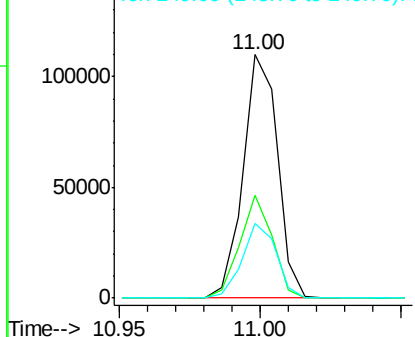


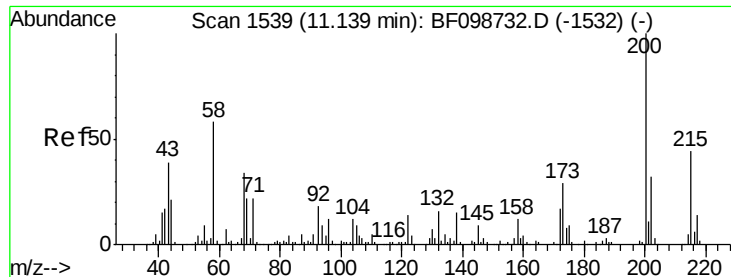
#67
Hexachlorobenzene
Concen: 42.23 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion:284 Resp: 92980
Ion Ratio Lower Upper
284 100
142 42.5 34.6 52.0
249 30.9 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

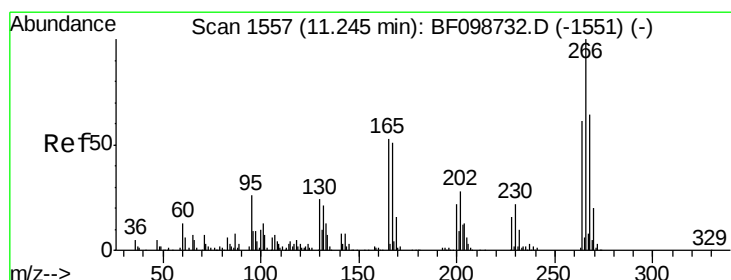
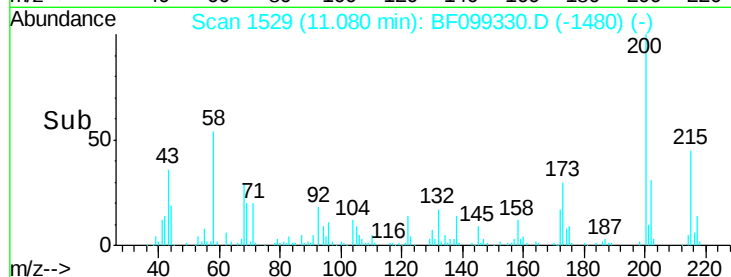
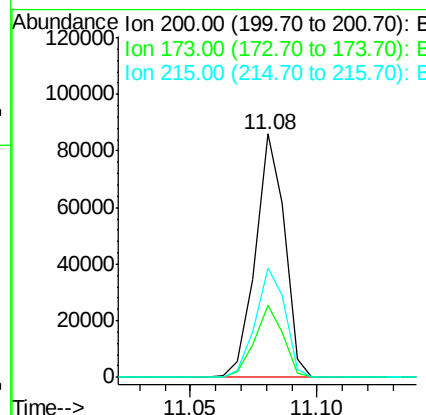
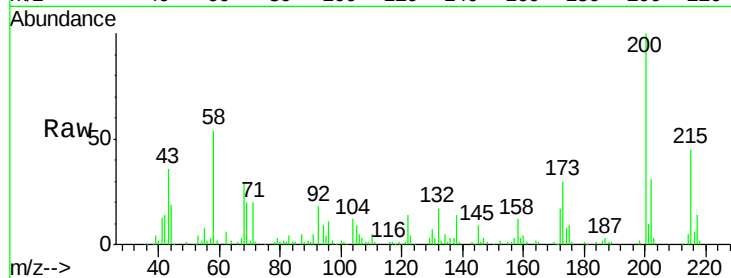




#68
Atrazine
Concen: 31.34 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

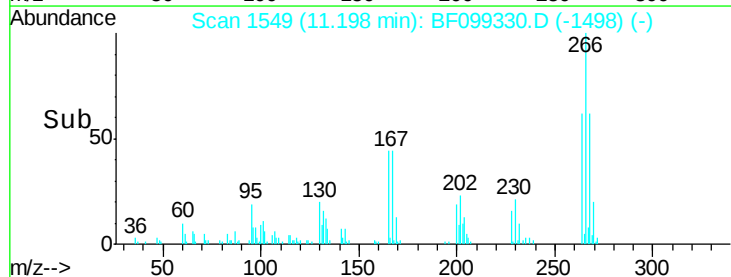
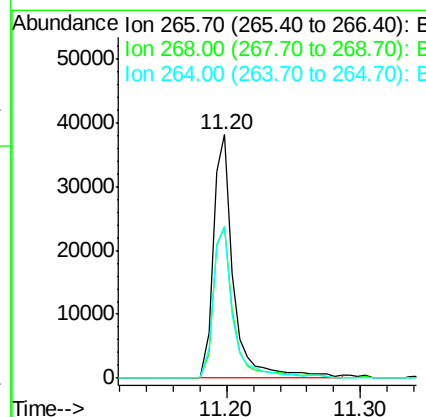
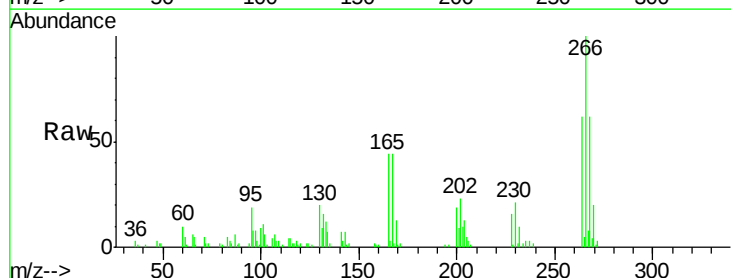
Instrument :
BNA_F
ClientSampleId :

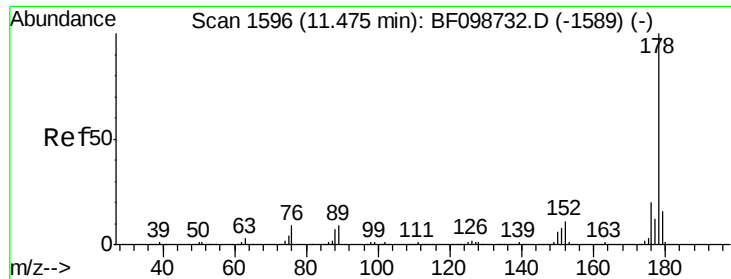
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.6	8.6	48.6
215	45.0	25.1	65.1



#69
Pentachlorophenol
Concen: 29.42 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	62.2	49.5	74.3





#70

Phenanthrene

Concen: 42.97 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

Instrument :

BNA_F

ClientSampleId :

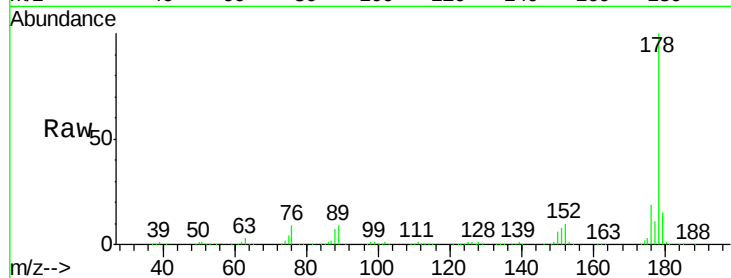
Tot Ion:178 Resp: 484440

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

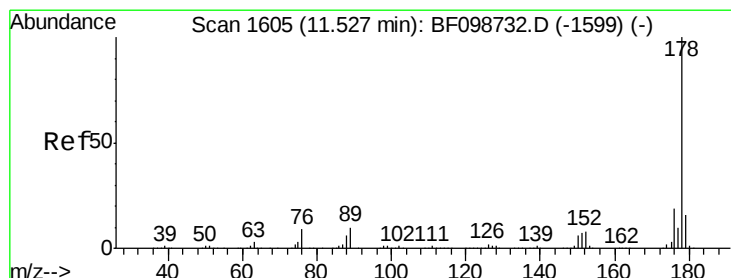
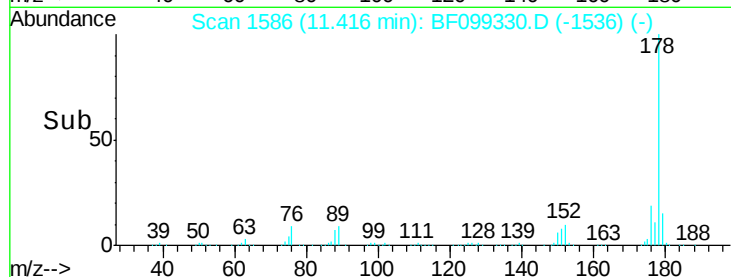
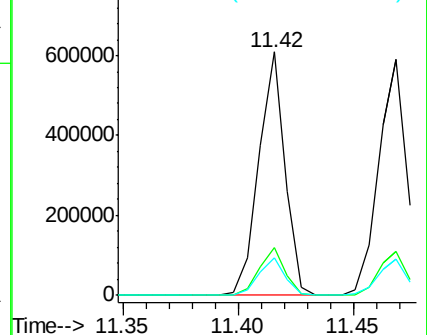
179 15.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 43.10 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

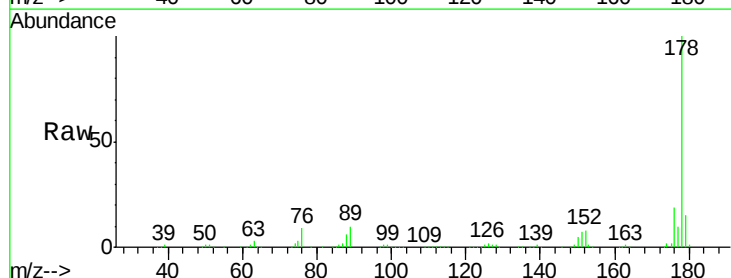
Tgt Ion:178 Resp: 497063

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

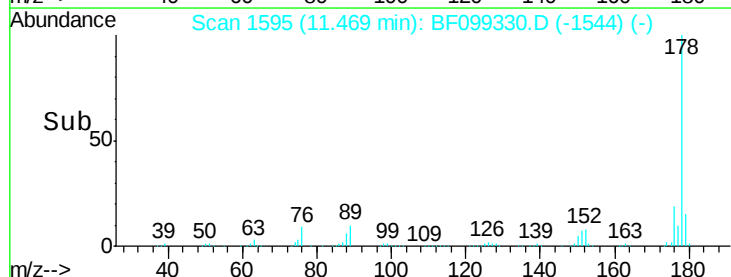
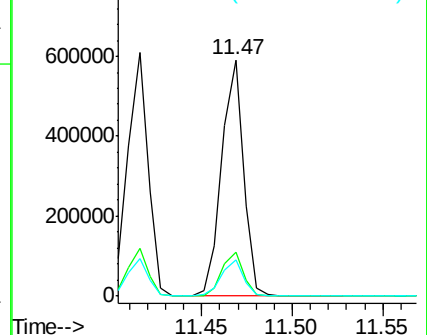
179 15.3 12.6 19.0

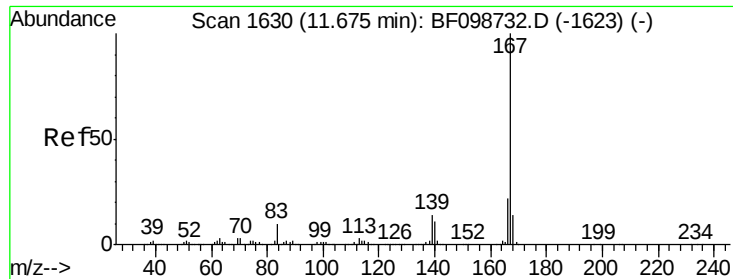


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

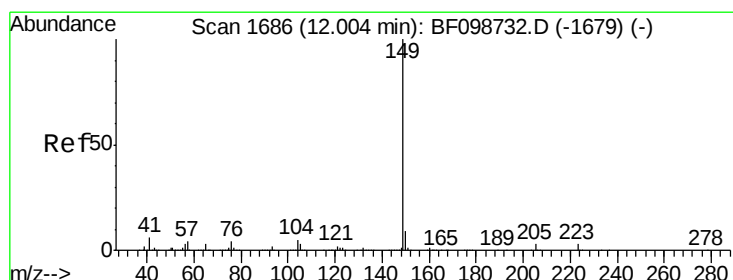
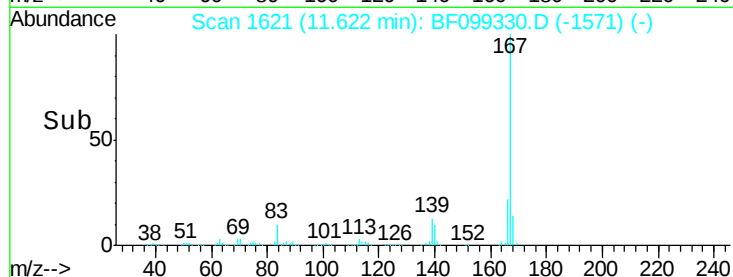
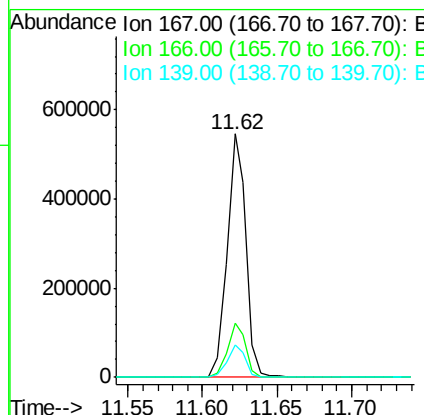
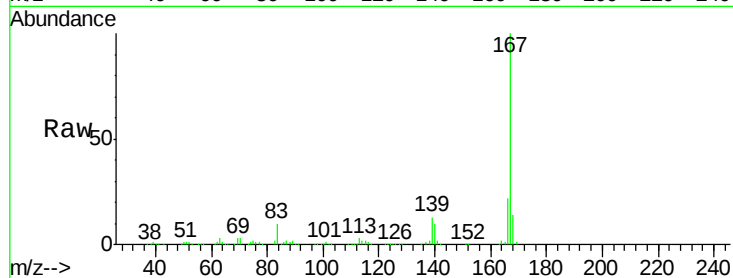




#72
 Carbazole
 Concen: 43.12 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

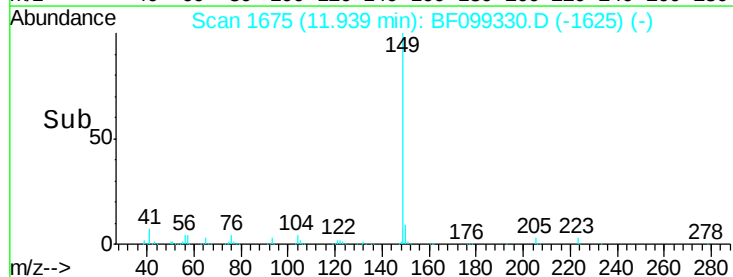
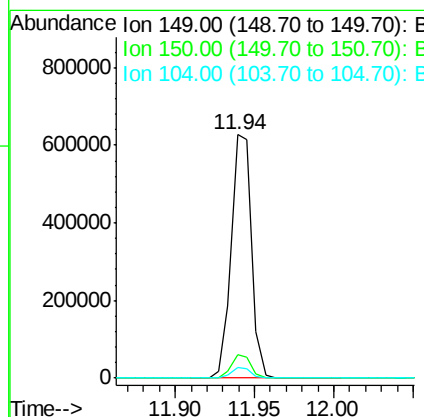
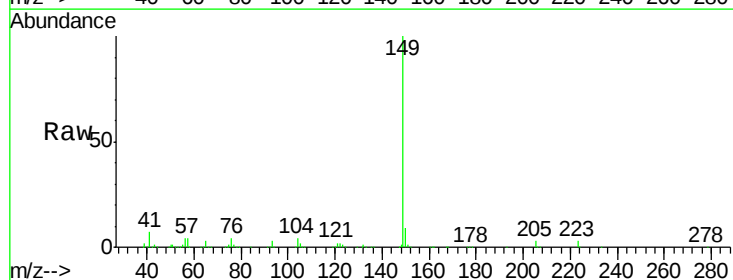
Instrument :
 BNA_F
 ClientSampleId :

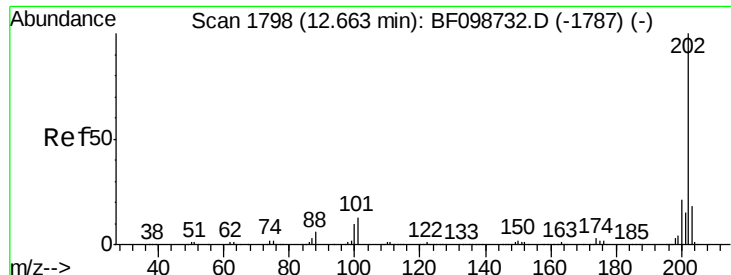
Tot Ion:167 Resp: 487049
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.3 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 40.85 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Tgt Ion:149 Resp: 555352
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 4.4 3.8 5.8

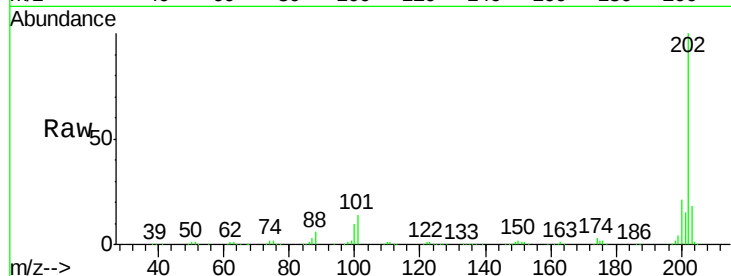




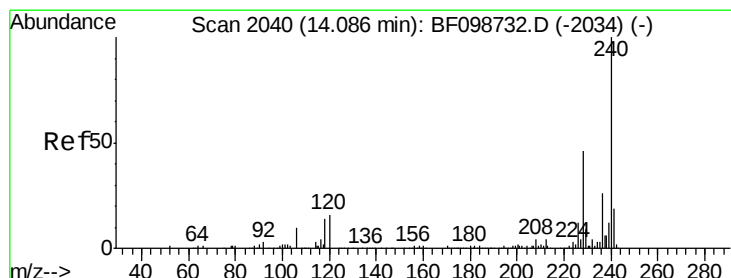
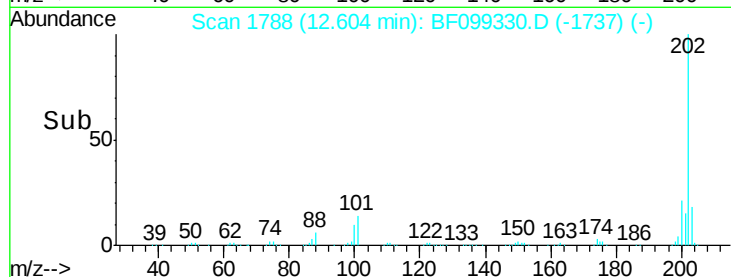
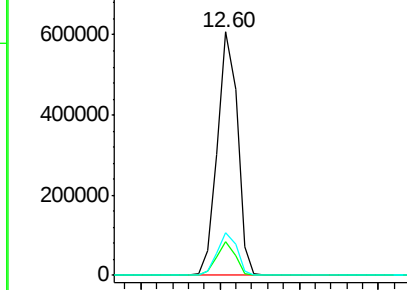
#74
 Fluoranthene
 Concen: 47.03 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.1
203	17.5	0.0	38.1

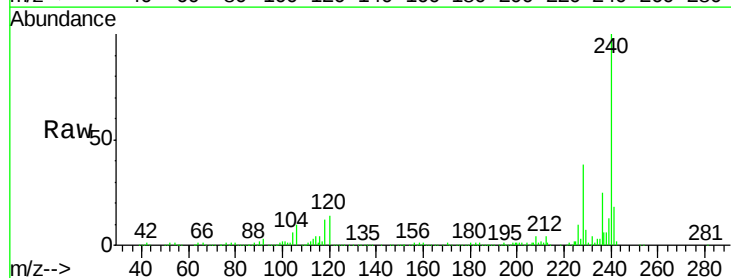


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

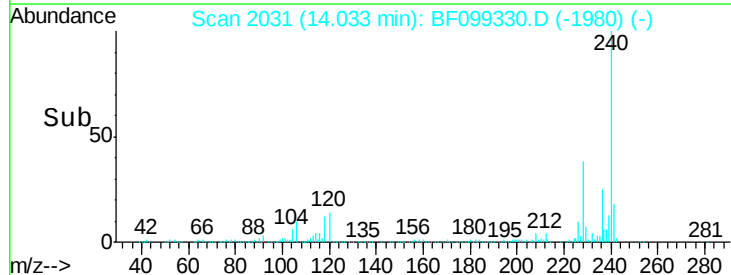
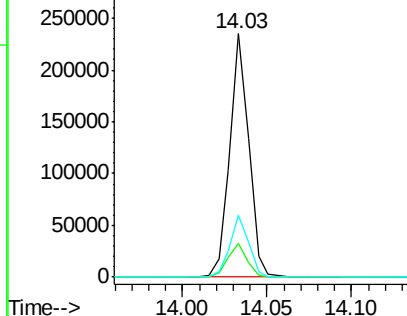


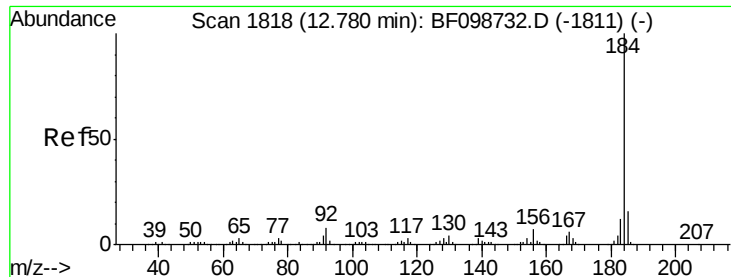
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF099330.D
 Acq: 11 Oct 2017 6:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	25.3	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

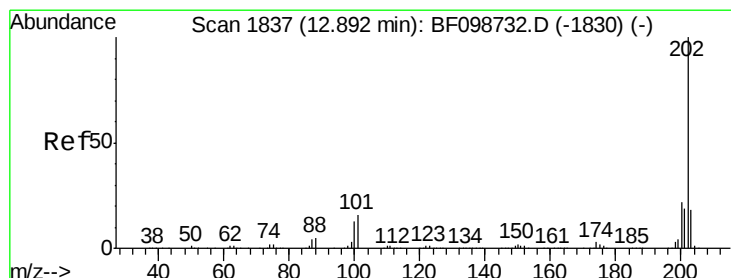
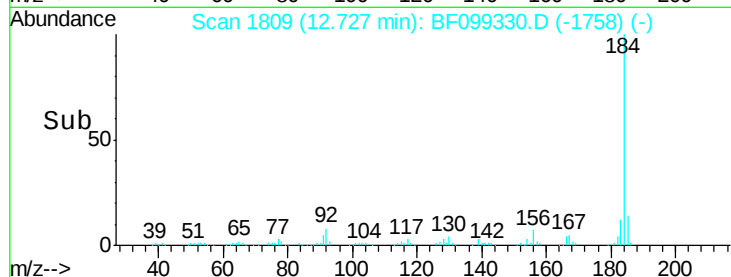
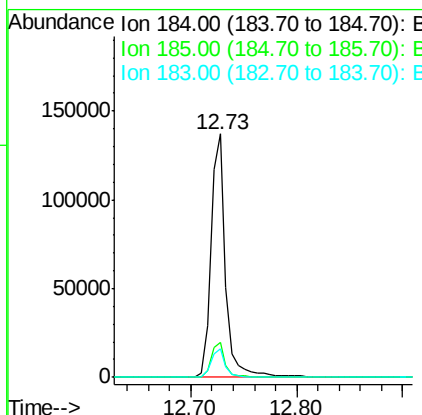
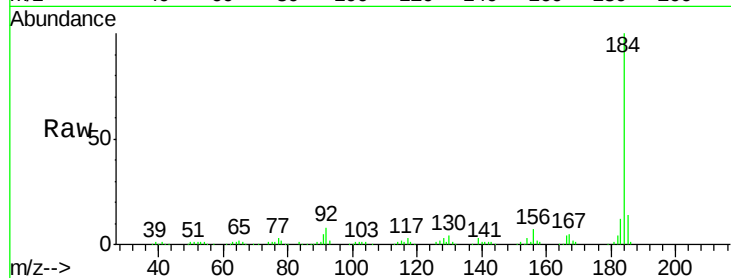




#76
Benzidine
Concen: 19.67 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

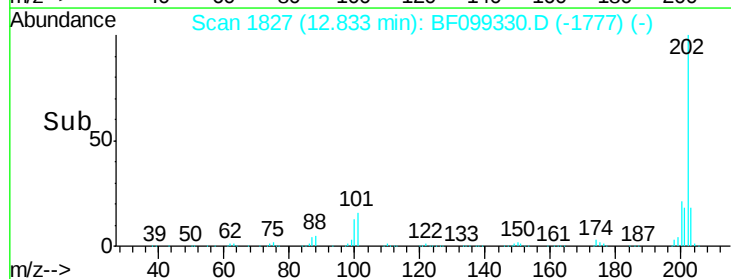
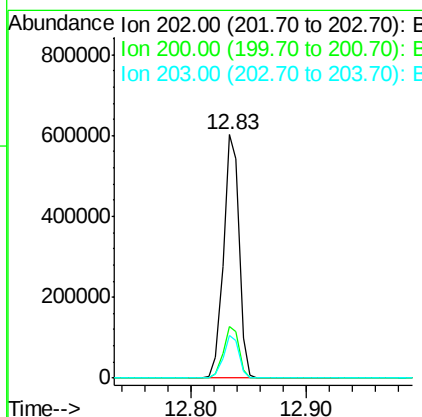
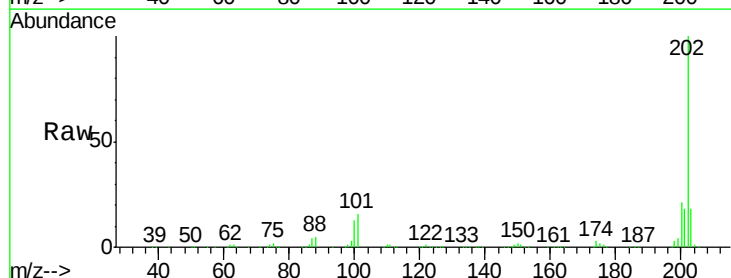
Instrument :
BNA_F
ClientSampleId :

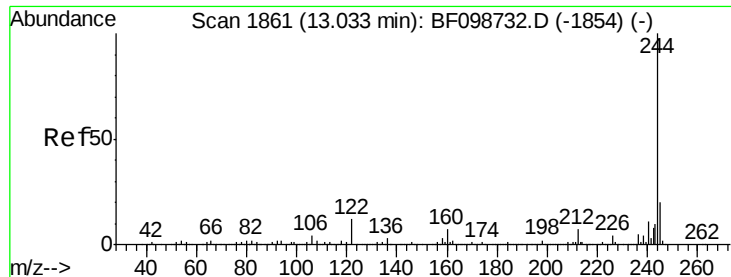
Tot Ion:184 Resp: 133155
Ion Ratio Lower Upper
184 100
185 14.2 12.6 18.8
183 11.6 9.3 13.9



#77
Pyrene
Concen: 40.32 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion:202 Resp: 562773
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.6 14.3 21.5





#78

Terphenyl-d14

Concen: 85.02 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

Instrument :

BNA_F

ClientSampleId :

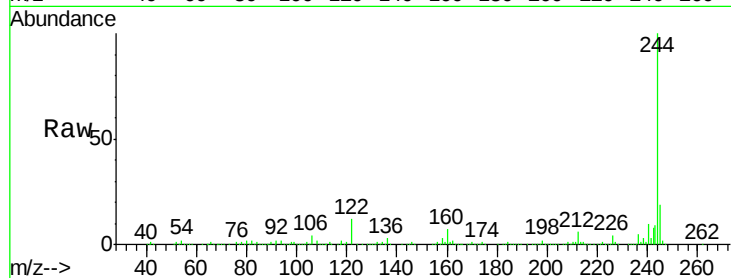
Tot Ion:244 Resp: 684256

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

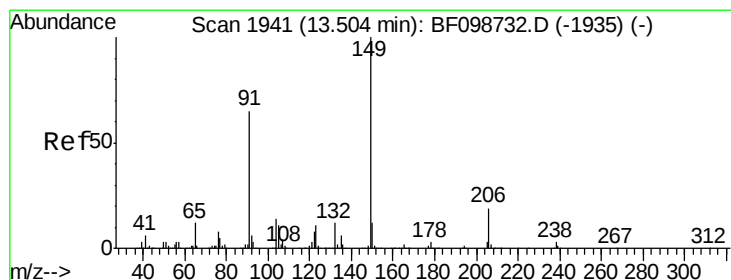
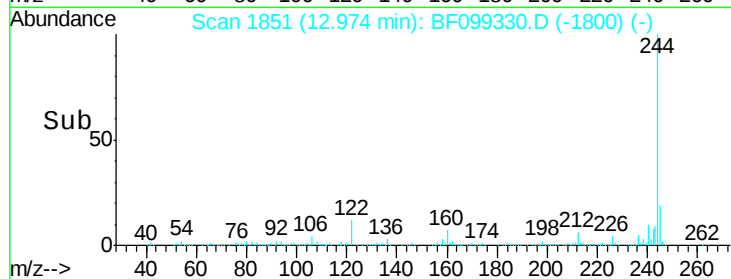
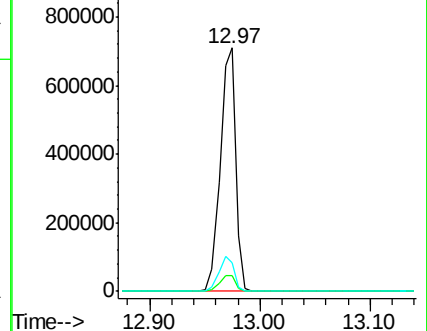
122 11.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 41.23 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

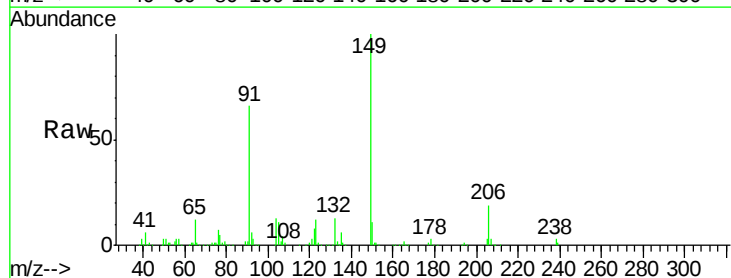
Tgt Ion:149 Resp: 270440

Ion Ratio Lower Upper

149 100

91 66.3 56.8 85.2

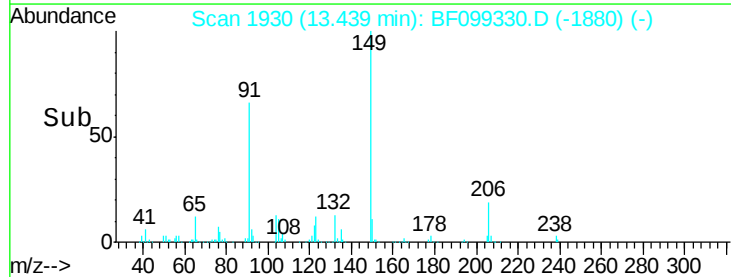
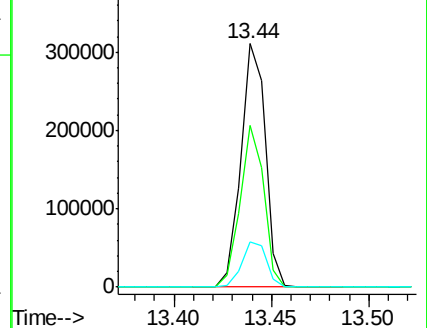
206 18.6 14.1 21.1

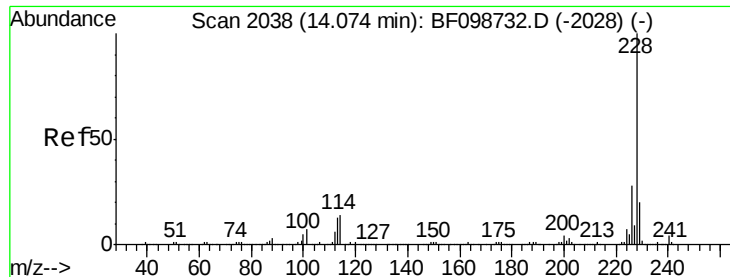


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 41.45 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

Instrument :

BNA_F

ClientSampleId :

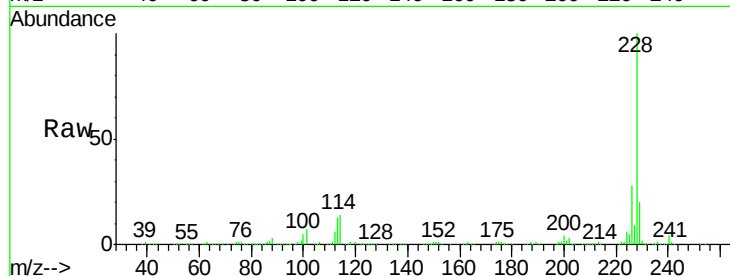
Tot Ion:228 Resp: 459353

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

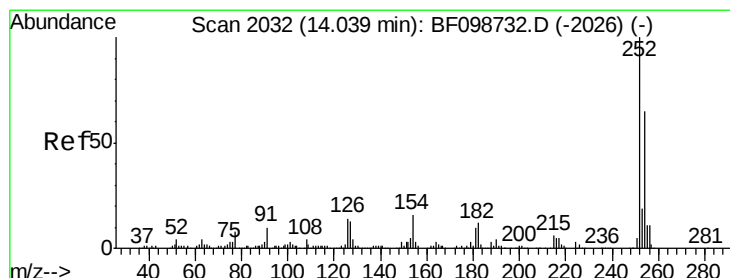
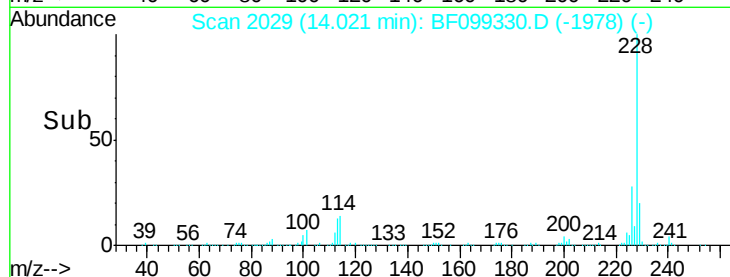
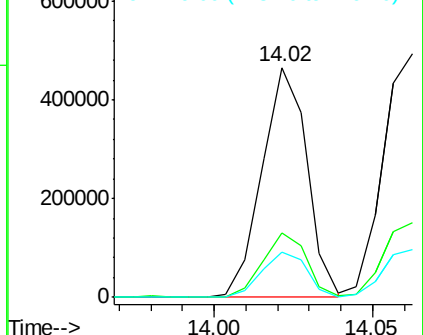
229 19.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 41.57 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

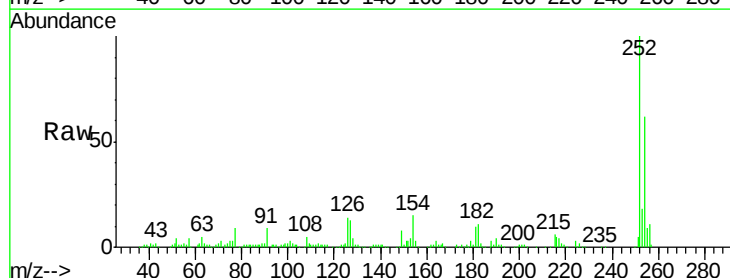
Tgt Ion:252 Resp: 168905

Ion Ratio Lower Upper

252 100

254 62.2 50.4 75.6

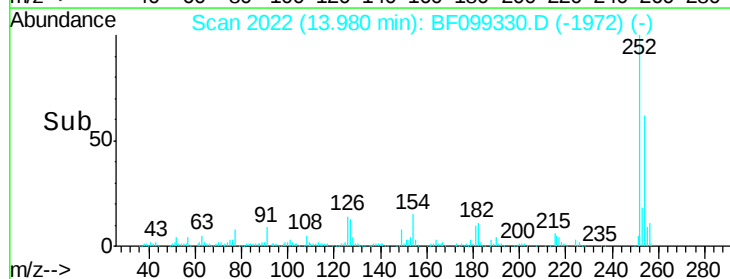
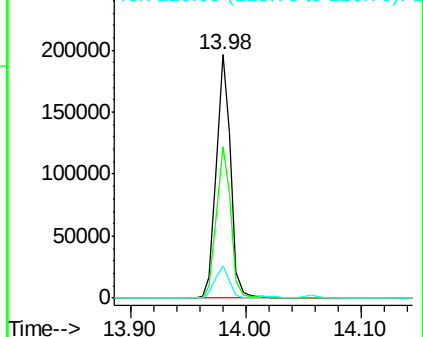
126 13.5 11.3 16.9

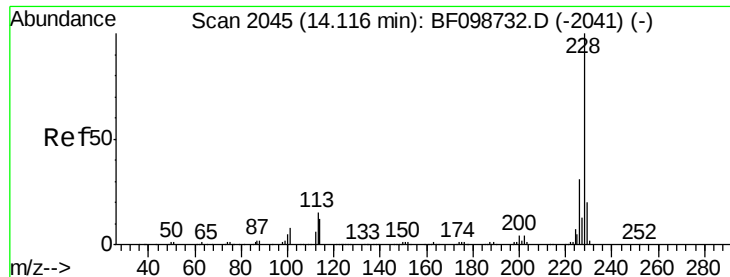


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrvsene

Concen: 42.44 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

Instrument :

BNA_F

ClientSampleId :

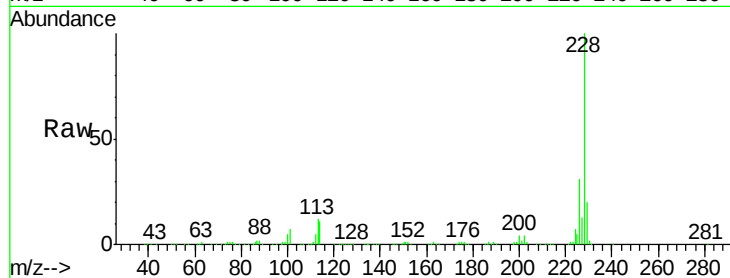
Tot Ion:228 Resp: 447806

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

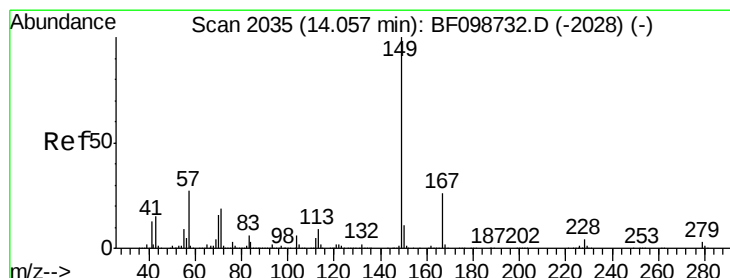
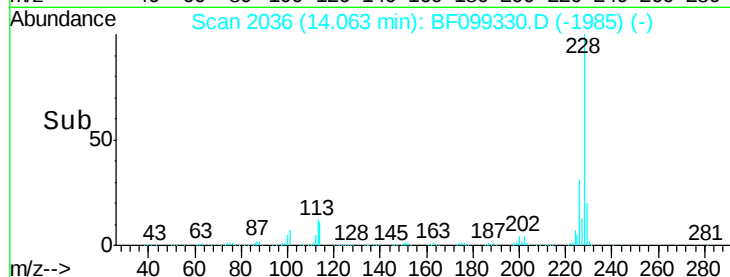
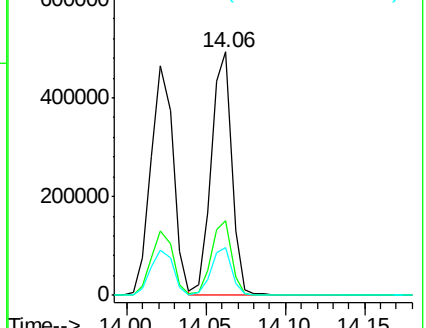
229 19.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 41.81 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099330.D

Acq: 11 Oct 2017 6:38

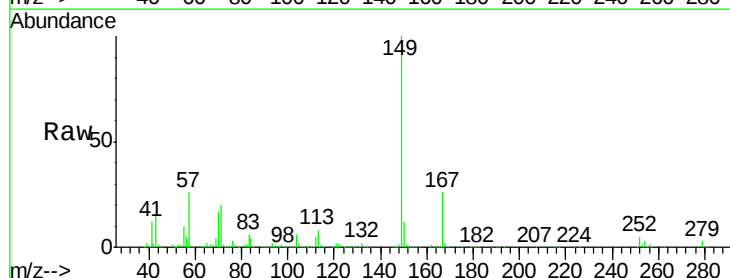
Tgt Ion:149 Resp: 377604

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

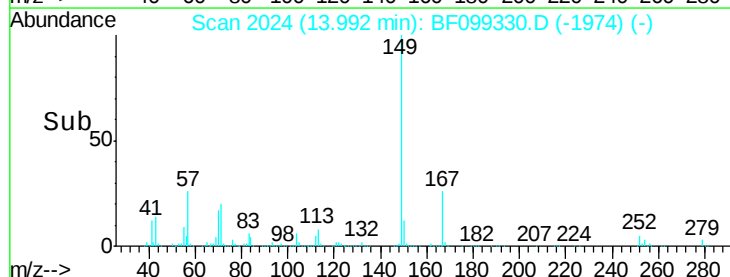
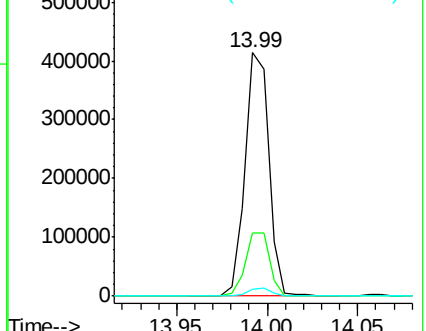
279 2.6 3.0 4.4#

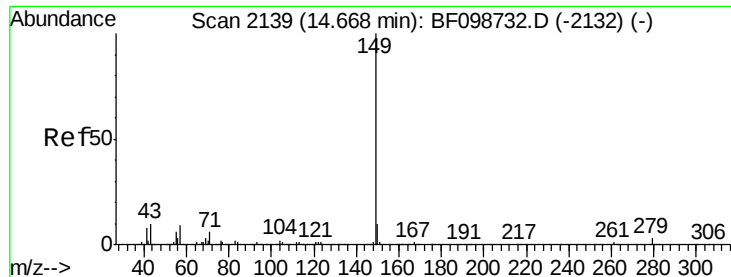


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

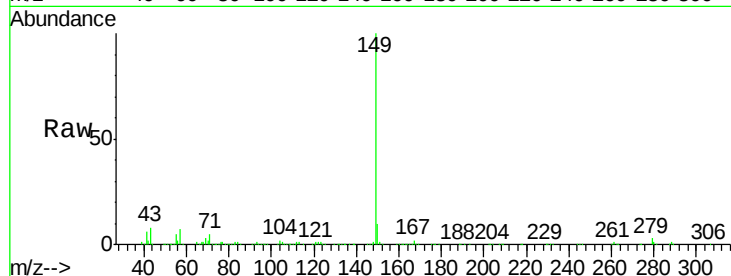




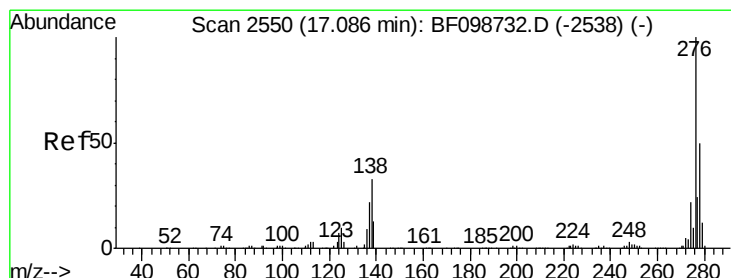
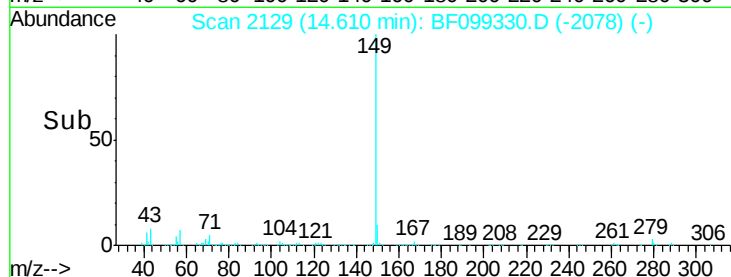
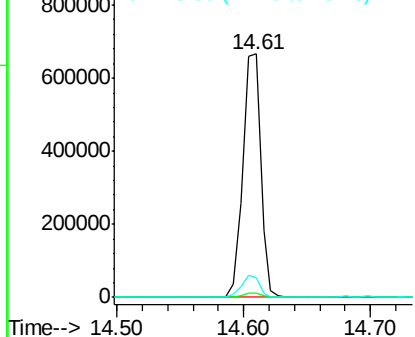
#84
Di-n-octyl phthalate
Concen: 44.64 ng
RT: 14.61 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 649170
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.8 8.4 12.6

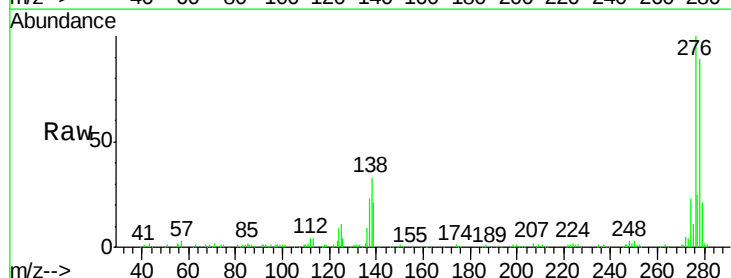


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

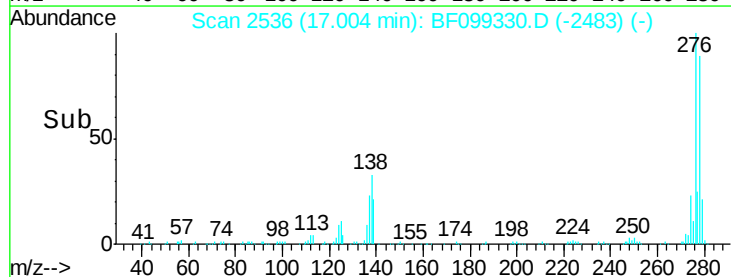
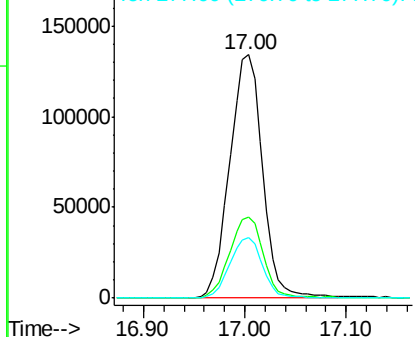


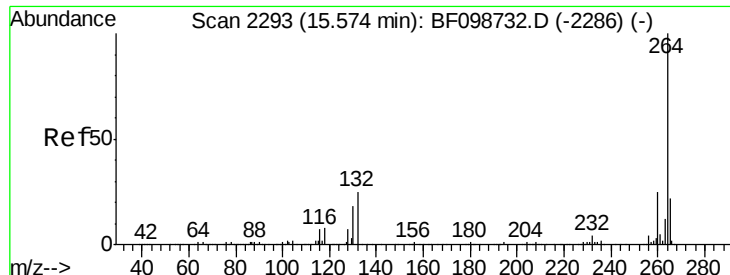
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.75 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion:276 Resp: 301722
Ion Ratio Lower Upper
276 100
138 34.2 25.0 37.6
277 24.9 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

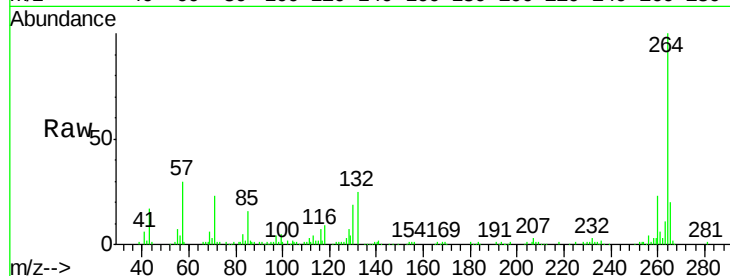




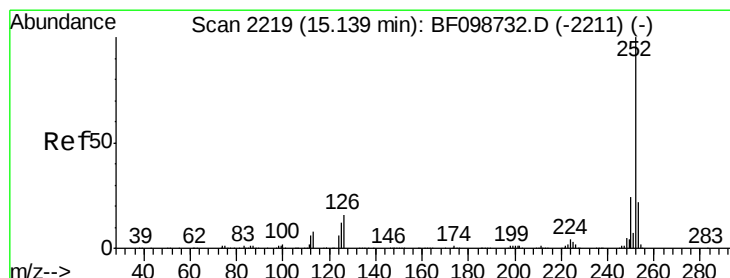
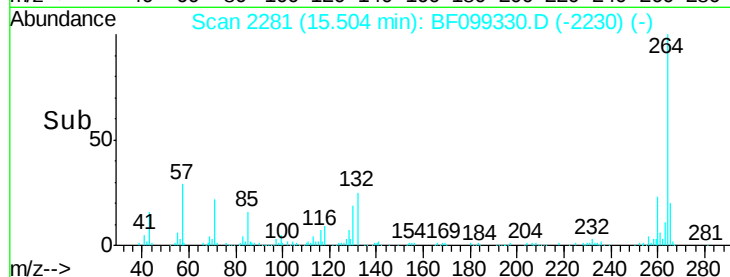
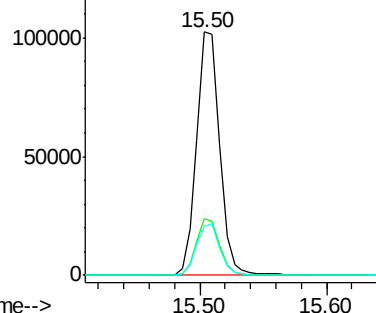
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 129435
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 20.3 17.5 26.3

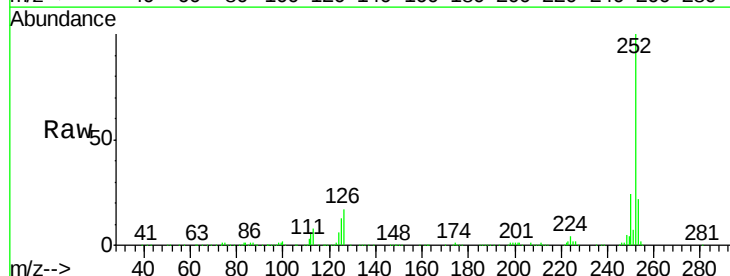


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

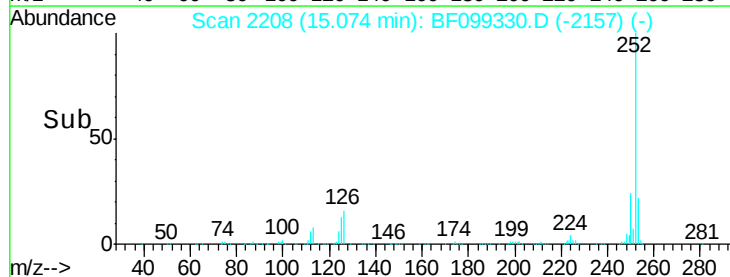
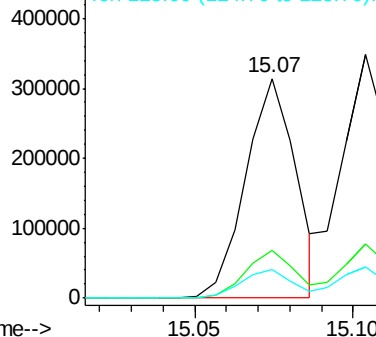


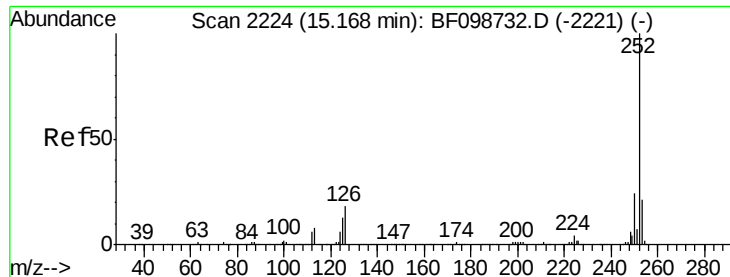
#87
Benzo(b)fluoranthene
Concen: 43.47 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion:252 Resp: 345921
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 12.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

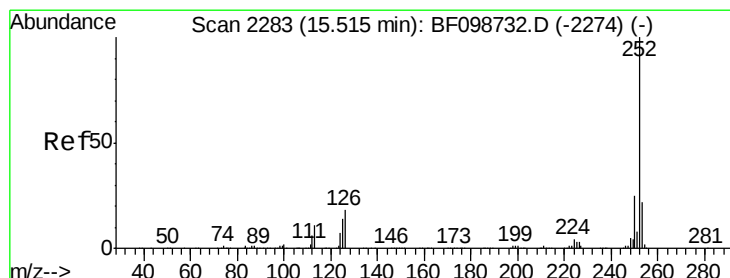
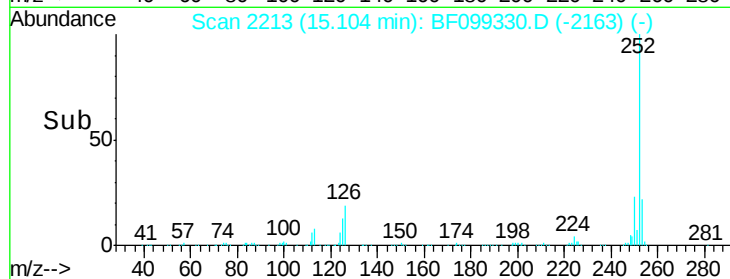
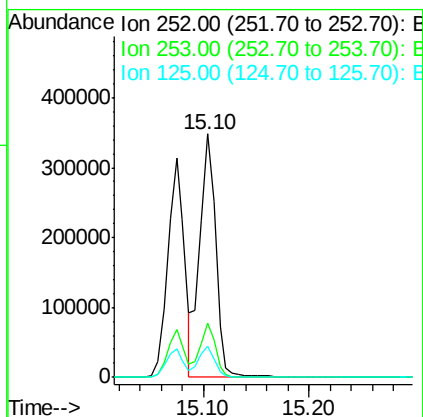
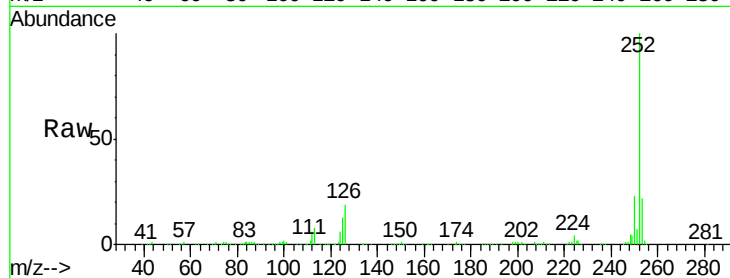




#88
Benzo(k)fluoranthene
Concen: 46.09 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

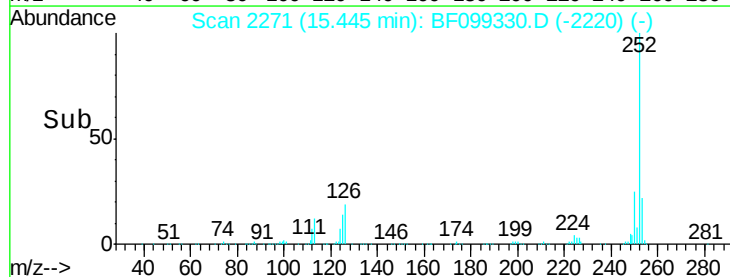
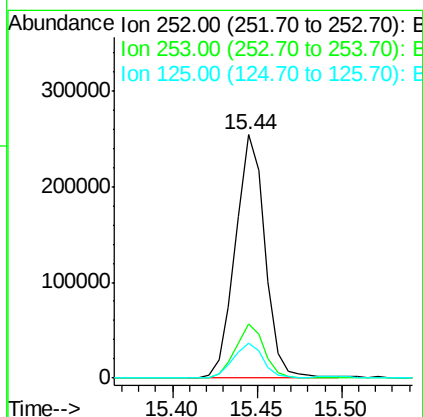
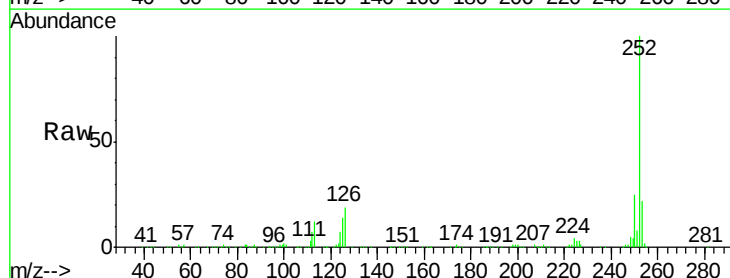
Instrument :
BNA_F
ClientSampled :

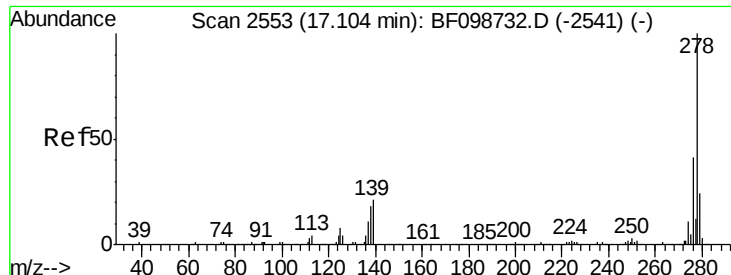
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.8	10.2	15.2



#89
Benzo(a)pyrene
Concen: 42.51 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	14.1	9.8	14.6

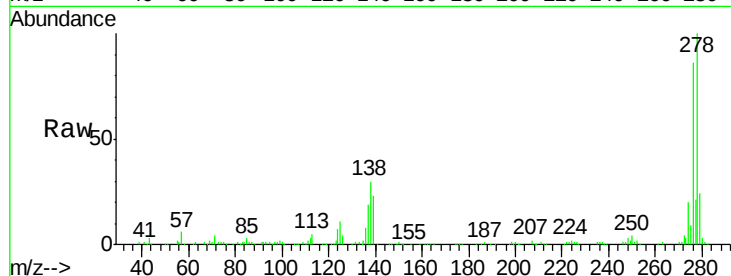




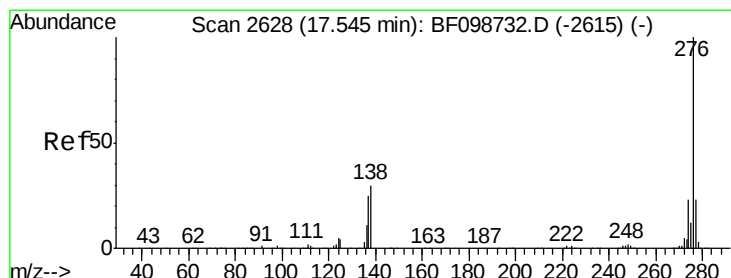
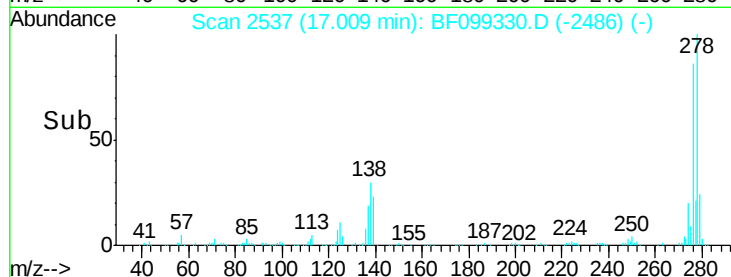
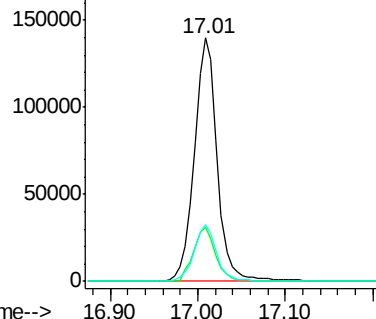
#90
Dibenzo(a,h)anthracene
Concen: 43.01 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 251431
Ion Ratio Lower Upper
278 100
139 22.5 15.9 23.9
279 23.5 19.0 28.4

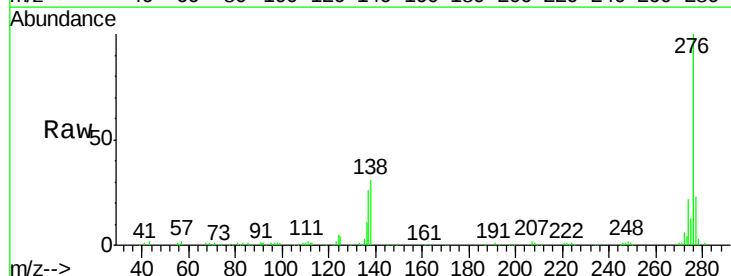


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 42.46 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.01 min
Lab File: BF099330.D
Acq: 11 Oct 2017 6:38

Tgt Ion:276 Resp: 245361
Ion Ratio Lower Upper
276 100
277 23.0 17.9 26.9
138 31.0 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

